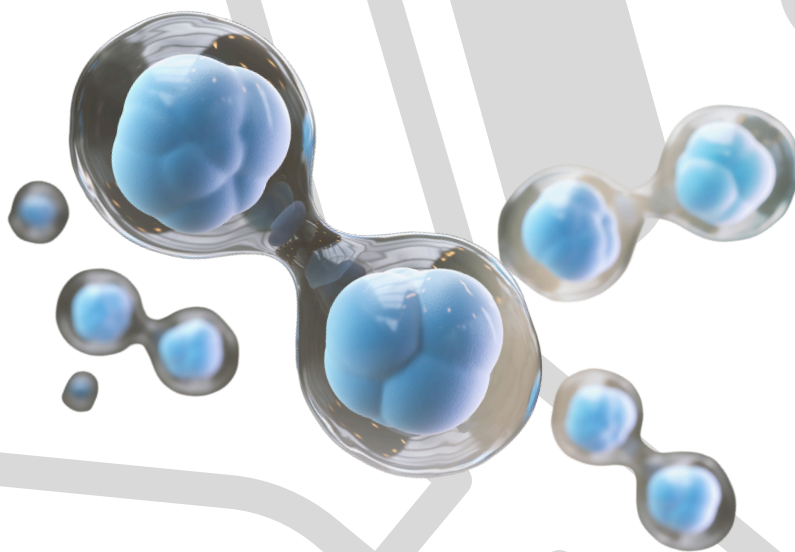




Cell Proliferation 细胞增殖



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一抗·二抗·内参&标签·重组蛋白



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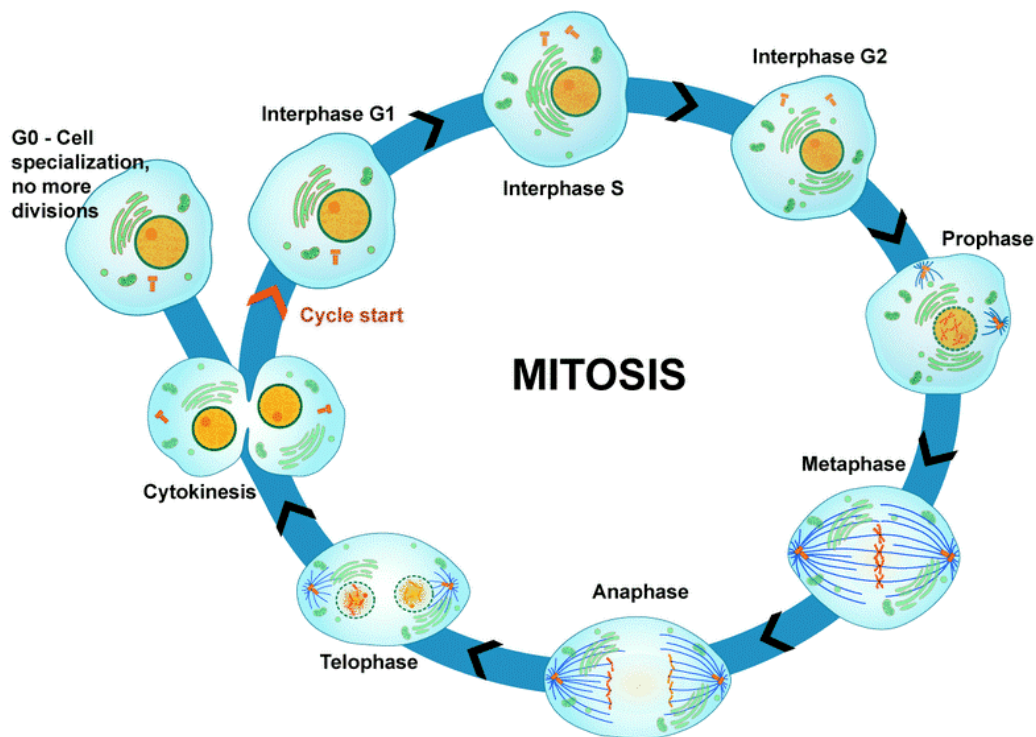
微信公众号

细胞增殖

细胞增殖是生活细胞的重要生理功能之一，是生物体的重要生命特征，细胞以分裂的方式进行增殖。该细胞过程必须受到精准调控，即便是最小的改变也可能使该过程朝着无限增殖的方向进行，最终导致癌症的发生。为了使生物体维持动态平衡，防止出现细胞无限增殖，细胞增殖和凋亡会使生命机体维持一个动态平衡的状态。

在真核细胞中，细胞周期可以分为三个主要阶段：

1. 分裂间期（Interphase）：由G1期（DNA合成前期），S期（DNA合成期），G2期（DNA合成后期）组成，主要是DNA的复制过程。
2. 分裂期（Mitotic Phase）：简称M期，由4个阶段组成（前期、中期、后期和末期）
3. 保质分裂（Cytokinesis）：将细胞膜、细胞骨架、细胞器，以及可溶性的蛋白质等均分，形成两个新的子细胞。



细胞增殖的标记物

A) MCM (微小染色体维持蛋白)。MCM只存在于真核细胞中。MCM在有丝分裂的晚期和G1期与染色质紧密结合，在S期和G2期分开。MCM蛋白只在细胞的增殖期才能检测到，它的表达在G1/S转换点达到峰值，在分化期和静息期时，表达缺失，因此可以作为细胞增殖的特殊标志物。

B) 细胞核相关抗原Ki-67。这个分子是经典的细胞增殖相关分子标志物，最早在1983年在增殖细胞中发现，目前在病理诊断中使用非常地广泛。Ki-67的一级结构比较特殊，还没有发现与之同源的蛋白，所以目前对于Ki-67的功能了解得不多。推测它可能具有如下的几个功能：1). 推测Ki-67可以调节细胞周期；2).Ki-67能和DNA或者RNA发生相互结合；3).Ki-67在细胞分裂期参与合成核糖体。Ki-67在细胞的G0期不表达，G1中期到后期出现表达，S期和G2期表达逐渐增加，有丝分裂期达到高峰，细胞分裂后迅速降解。

C) 增殖细胞核抗原PCNA。PCNA又称为周期素，它是DNA聚合酶 δ 的辅助蛋白。这个分子也是经典的增殖相关分子标志物，最早在1978年就有所报道。又因为PCNA出现在增殖期细胞的细胞核中，所以被称之为增殖细胞核抗原。PCNA的主要功能有：1).DNA聚合酶 δ 的辅助蛋白；2).参与DNA损伤的修复；3).参与细胞周期的调控；4).和p21相互作用。p21是CDK的抑制因子，因此PCNA通过和p21相互作用，间接影响细胞周期和增殖。在增殖细胞的细胞周期中，PCNA的量会发生明显变化，它在G0/G1期几乎没有表达，G1晚期表达大幅度增加，S期达到高峰，G2/M期表达下降。PCNA也已经广泛应用于临床病理诊断和相关的生物学研究中。

细胞增殖标志物

靶标	产品名称	产品货号	反应种属	应用
Ki67	db901	Ki67 Rabbit pAb	Human	WB,IHC,ICC/IF,FC
	db9680	Ki67 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
	db11664	Ki67 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
	db11666	Ki67 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC
PCNA	db3315	PCNA Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db3311	PCNA Rabbit pAb	Human,Mouse	WB,IHC,FC
	db6498	PCNA (9C9) Mouse mAb	Human,Mouse,Rat	WB,IHC-P
	db6199	PCNA (2E1) Mouse mAb	Human,Mouse,Rat,Monkey,Hamster	WB,IP,ICC/IF,IHC-F,IHC-P
	db6200	PCNA (6B12) Mouse mAb	Human,Mouse,Rat,Monkey,Hamster	WB,IP,ICC/IF
	db11523	PCNA Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db14765	PCNA Recombinant Rabbit mAb	Human,Mouse	WB,IHC,FC
CD105	db20525	CD105 Rabbit pAb	Human	WB,IHC
	db9333	CD105 Rabbit pAb	Human	WB,IHC,ICC/IF,FC,IP
	db9679	CD105 Rabbit pAb	Human	WB,IHC
	db7190	CD105 Rabbit pAb	Mouse	WB,IHC,ICC/IF,FC,IP
	db13686	CD105 Recombinant Rabbit mAb	Human	WB,IHC
	db14715	CD105 Recombinant Rabbit mAb	Mouse	WB,IHC,ICC/IF,FC,IP
	db14220	CD105 Recombinant Rabbit mAb	Human	WB,IHC
	db14875	CD105 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC,IP

靶标	产品名称	产品货号	反应种属	应用
MCM2	db9423	MCM2 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
	db22737	MCM2 Rabbit pAb	Human	WB,IHC,ICC/IF,FC,IP
	db6407	MCM2 (2B5) Mouse mAb	Human,Mouse	WB,IHC-F,IHC-P,ICC/IF,FC,IP
	db30180	MCM2 Recombinant Rabbit mAb	Human	IHC
	db11270	MCM2 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
	db12879	MCM2 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC,IP
	db22163	Phospho-MCM2 (Ser27) Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
	db21199	Phospho-MCM2 (Ser40) Rabbit pAb	Human,Mouse,Rat	WB,IHC,IP
	db1590	Phospho-MCM2 (Ser41) Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
	db2277	Phospho-MCM2 (Ser108) Rabbit pAb	Human,Mouse,Rat	WB,ICC/IF,IP
	db14023	Phospho-MCM2 (Ser40) Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,IP
	db13541	Phospho-MCM2 (Ser41) Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
	db11609	Phospho-MCM2 (Ser27) Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
	db11069	Phospho-MCM2 (Ser108) Recombinant Rabbit mAb	Human,Mouse,Rat	WB,ICC/IF,IP
MCM3	db143	MCM3 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
	db11512	MCM3 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
MCM4	db21805	MCM4 Rabbit pAb	Human,Mouse	WB,FC,IP
	db12303	MCM4 Recombinant Rabbit mAb	Human,Mouse	WB,FC,IP
MCM5	db427	MCM5 Rabbit pAb	Human,Mouse	WB,IHC,ICC/IF,FC,IP
	db11957	MCM5 Recombinant Rabbit mAb	Human,Mouse	WB,IHC,ICC/IF,FC,IP
MCM6	db148	MCM6 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db11016	MCM6 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
MCM7	db5890	MCM7 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db1729	MCM7 Rabbit pAb	Human	WB,ICC/IF,FC
	db11990	MCM7 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db14283	MCM7 Recombinant Rabbit mAb	Human	WB,ICC/IF,FC
Histone H3	db972	Histone H3 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
	db772	Histone H3 Rabbit pAb	Human,Mouse,Rat	WB,ICC/IF,IP
	db6641	Histone H3 Rabbit pAb (HRP)	Human,Mouse,Rat	WB
	db6420	Histone H3 (6G2) Mouse mAb	Human,Mouse,Rat,Yeast	WB,IHC-F,IHC-P,ICC/IF,IP
	db12105	Histone H3 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
	db11049	Histone H3 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
	db248	Phospho-Histone H3 (Thr3) Rabbit pAb	Human	WB,IHC,ICC/IF,FC
	db21026	Phospho-Histone H3 (Thr11) Rabbit pAb	Human,Rat	WB
	db22194	Phospho-Histone H3 (Ser28) Rabbit pAb	Human	WB
	db5715	Phospho-Histone H3 (Ser28) Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
	db5651	Phospho-Histone H3 (Ser10) Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF
	db21276	Phospho-Histone H3 (Ser10/Thr11) Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
	db11513	Phospho-Histone H3 (Thr3) Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC
	db14483	Phospho-Histone H3 (Ser28) Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC
	db13628	Phospho-Histone H3 (Ser28) Recombinant Rabbit mAb	Human	WB
	db13919	Phospho-Histone H3 (Ser10) Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF
	db12672	Phospho-Histone H3 (Thr11) Recombinant Rabbit mAb	Human,Rat	WB
	db13561	Phospho-Histone H3 (Ser10/Thr11) Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP

细胞周期蛋白

靶标	产品名称	产品货号	反应种属	应用
Cyclin A2	db20968	Cyclin A2 Rabbit pAb	Human	WB,ICC/IF,IP
	db3217	Cyclin A2 Rabbit pAb	Human	WB,IHC,ICC/IF,IP
	db2181	Cyclin A2 Rabbit pAb	Human	WB,IHC,ICC/IF,IP
	db266	Cyclin A2 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF
	db91	Cyclin A2 Rabbit pAb	Human	WB,IHC,ICC/IF,IP
	db13588	Cyclin A2 Recombinant Rabbit mAb	Human	WB,ICC/IF,IP
	db11347	Cyclin A2 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF
	db12205	Cyclin A2 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,IP
	db11895	Cyclin A2 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,IP
	db15618	Cyclin A2 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,IP
Cyclin B1	db3826	Cyclin B1 Rabbit pAb	Human,Mouse	WB,IHC,ICC/IF,FC
	db1172	Cyclin B1 Rabbit pAb	Human	WB,IHC,ICC/IF,FC,IP
	db6561	Cyclin B1 (1B3) Mouse mAb	Human,Rat,Mouse	IHC-P
	db13216	Cyclin B1 Recombinant Rabbit mAb	Human,Mouse	WB,IHC,ICC/IF,FC
	db13323	Cyclin B1 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC,IP
	db20211	Phospho-Cyclin B1 (Ser126) Rabbit pAb	Human	WB,IP
	db12353	Phospho-Cyclin B1 (Ser126) Recombinant Rabbit mAb	Human	WB,IP
Cyclin B2	db20335	Cyclin B2 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
	db11653	Cyclin B2 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
Cyclin D1	db2	Cyclin D1 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
	db30065	Cyclin D1 Recombinant Rabbit mAb	Human	IHC,WB
	db11659	Cyclin D1 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
Cyclin D2	db6075	Cyclin D2 (6E11) Mouse mAb	Human	WB
	db1117	Cyclin D2 Rabbit pAb	Human	WB,ICC/IF,IP
	db15797	Cyclin D2 Recombinant Rabbit mAb	Human	WB,ICC/IF,IP
Cyclin E1	db2420	Cyclin E1 Rabbit pAb	Human	WB,ICC/IF
	db1668	Cyclin E1 Rabbit pAb	Human	WB,ICC/IF,FC,IP
	db14262	Cyclin E1 Recombinant Rabbit mAb	Human	WB,ICC/IF
	db15721	Cyclin E1 Recombinant Rabbit mAb	Human	WB,ICC/IF,FC,IP
Cyclin E2	db1527	Cyclin E2 Rabbit pAb	Human	WB,IHC,ICC/IF,FC,IP
	db510	Cyclin E2 Rabbit pAb	Human,Mouse	WB,IHC,ICC/IF,FC
	db11965	Cyclin E2 Recombinant Rabbit mAb	Human,Mouse	WB,IHC,ICC/IF,FC
	db11105	Cyclin E2 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC,IP
Cyclin H	db20030	Cyclin H Rabbit pAb	Human,Mouse	WB,IHC,ICC/IF,FC,IP
	db2597	Cyclin H Rabbit pAb	Human,Mouse,Rat	WB
	db6330	Cyclin H (1A7) Mouse mAb	Human,Mouse	WB
	db6096	Cyclin H (4E11) Mouse mAb	Human	WB,IP
	db14756	Cyclin H Recombinant Rabbit mAb	Human,Mouse,Rat	WB
	db11236	Cyclin H Recombinant Rabbit mAb	Human,Mouse	WB,IHC,ICC/IF,FC,IP

细胞周期蛋白依赖性激酶及其抑制因子

靶标	产品名称	产品货号	反应种属	应用
CDK1	db3273	CDK1 Rabbit pAb	Human	WB,IHC,ICC/IF,FC,IP
	db6098	CDK1 (3B9) Mouse mAb	Human	WB,ICC/IF
	db12527	CDK1 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC,IP
	db20208	Phospho-CDK1/2 (Thr14) Rabbit pAb	Human,Mouse,Rat	WB,IHC,IP
	db11065	Phospho-CDK1/2 (Thr14) Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,IP
CDK2	db299	CDK2 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db11867	CDK2 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db390	Phospho-CDK2 (Tyr15) Rabbit pAb	Human,Mouse,Rat	WB,IHC,IP
	db22325	Phospho-CDK2 (Thr14) Rabbit pAb	Human,Rat	WB,IHC,ICC/IF,IP
	db13330	Phospho-CDK2 (Thr14) Recombinant Rabbit mAb	Human,Rat	WB,IHC,ICC/IF,IP
	db11950	Phospho-CDK2 (Tyr15) Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,IP
CDK4	db1682	CDK4 Rabbit pAb	Human,Mouse,Rat	WB,ICC/IF,FC,IP
	db4656	CDK4 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
	db5390	CDK4 Rabbit pAb	Human	WB,IHC,ICC/IF,FC
	db2009	CDK4 Rabbit pAb	Human	WB,ICC/IF
	db6087	CDK4 (3F9) Mouse mAb	Human,Mouse,Rat	WB
	db13778	CDK4 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,IP
	db14093	CDK4 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC
	db11715	CDK4 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,ICC/IF,FC,IP
	db12526	CDK4 Recombinant Rabbit mAb	Human	WB,ICC/IF
	db30188	CDK4 Recombinant Rabbit mAb	Human	IHC,WB,FC
CDK6	db807	Cdk6 Rabbit pAb	Human	WB,IHC,ICC/IF,FC
	db12115	CDK6 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC
CDK7	db24124	CDK7 Rabbit pAb	Human,Mouse,Rat	WB,IHC,FC,IP
	db16087	CDK7 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,FC,IP
	db5637	Phospho-Cdk7 (Thr170) Rabbit pAb	Human,Mouse,Rat	WB
	db13923	Phospho-Cdk7 (Thr170) Recombinant Rabbit mAb	Human,Mouse,Rat	WB
CDKN2A	db21221	CDKN2A Rabbit pAb	Human	WB,FC,IP
	db22628	CDKN2A/p16INK4a Rat mAb	Mouse	IHC
	db3279	CDKN2A/p14ARF Rabbit pAb	Human	WB,ICC/IF,FC,IP
	db3576	CDKN2A/p16INK4a Rabbit pAb	Mouse	WB,ICC/IF,FC,IP
	db3540	CDKN2A/p16INK4a Rabbit pAb	Human	WB,ICC/IF,FC
	db177	CDKN2A/p16INK4a Rabbit pAb	Human	WB,IHC,FC,IP
	db13880	CDKN2A Recombinant Rabbit mAb	Human	WB,FC,IP
	db15315	CDKN2A/p14ARF Recombinant Rabbit mAb	Human	WB,ICC/IF,FC,IP
	db11660	CDKN2A/p16INK4a Recombinant Rabbit mAb	Human	WB,IHC,FC,IP
	db12968	CDKN2A/p16INK4a Recombinant Rabbit mAb	Mouse	WB,ICC/IF,FC,IP
	db13008	CDKN2A/p16INK4a Recombinant Rabbit mAb	Human	WB,ICC/IF,FC

靶标	产品名称	产品货号	反应种属	应用
p21	db3355	p21 Rabbit pAb	Human,Mouse,Rat	WB
	db162	p21 Rabbit pAb	Human	WB,IHC,ICC/IF,FC,IP
	db3999	p21 Rabbit pAb	Mouse	WB,IHC,ICC/IF,FC,IP
	db12889	p21 Recombinant Rabbit mAb	Human,Mouse,Rat	WB
	db15140	p21 Recombinant Rabbit mAb	Mouse	WB,IHC,ICC/IF,FC,IP
	db16031	p21 Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC,IP
	db30058	p21 Recombinant Rabbit mAb	Human	IHC,FC
p27	db3374	p27 KIP 1 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db22417	p27 KIP 1 Rabbit pAb	Human	WB
	db21255	p27 KIP 1 Rabbit pAb	Mouse,Rat	WB,IHC
	db824	p27 Kip 1 Rabbit pAb	Mouse,Rat	WB,IHC,ICC/IF,IP
	db11805	p27 Kip 1 Recombinant Rabbit mAb	Mouse,Rat	WB,IHC,ICC/IF,IP
	db13119	p27 KIP 1 Recombinant Rabbit mAb	Human	WB
	db13072	p27 KIP 1 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db13505	p27 KIP 1 Recombinant Rabbit mAb	Mouse,Rat	WB,IHC
	db9687	Phospho-p27 KIP 1 (Ser10) Rabbit pAb	Human,Mouse,Rat	WB,IHC,IP
	db14917	Phospho-p27 KIP 1 (Ser10) Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,IP
p57	db23132	p57 Kip2 Rabbit pAb	Human	WB,IHC,IP
	db2389	p57 Kip2 Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db1089	p57 Kip2 Rabbit pAb	Human	WB
	db15800	p57 Kip2 Recombinant Rabbit mAb	Human	WB
	db15556	p57 Kip2 Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db14920	p57 Kip2 Recombinant Rabbit mAb	Human	WB,IHC,IP

细胞增殖其他关键蛋白

靶标	产品名称	产品货号	反应种属	应用
CKII alpha	db20156	CKII alpha Rabbit pAb	Human,Mouse,Rat	WB,IHC,FC
	db11421	CKII alpha Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,FC
PP2A alpha	db3342	PP2A alpha/beta Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db1977	PP2A alpha/beta Rabbit pAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db13474	PP2A alpha/beta Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
	db12340	PP2A alpha/beta Recombinant Rabbit mAb	Human,Mouse,Rat	WB,IHC,ICC/IF,FC,IP
Survivin	db730	Survivin Rabbit pAb	Mouse,Rat	WB,IHC,IP
	db2122	Survivin Rabbit pAb	Human	WB,IHC,ICC/IF,FC,IP
	db1722	Survivin Rabbit pAb	Human	WB,IHC,ICC/IF,FC
	db9884	Survivin Rabbit pAb	Human	WB,ICC/IF,FC,IP
	db6518	Survivin (8B9) Mouse mAb	Human,Rat	WB,IHC-P
	db13862	Survivin Recombinant Rabbit mAb	Human	WB,ICC/IF,FC,IP
	db11657	Survivin Recombinant Rabbit mAb	Mouse,Rat	WB,IHC,IP
	db11658	Survivin Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC,IP
	db12540	Survivin Recombinant Rabbit mAb	Human	WB,IHC,ICC/IF,FC

部分产品引用文献

Ki67 / db901

The Similar Effects of miR-512-3p and miR-519a-2-5p on the Promotion of Hepatocellular Carcinoma: Different Tunes Sung With Equal Skill.
Frontiers in oncology IF: 5.738

Histone H3 / db972

Autophagy Inhibition Potentiates the Anticancer Effects of a Bendamustine Derivative NL-101 in Acute T Lymphocytic Leukemia.
BioMed research international IF: 3.246

CDK1/CDK2/CDK3 /db2492 ; Cdk6 / db807 Cyclin B1/db1172

Y-320, a novel immune-modulator, sensitizes multidrug-resistant tumors to chemotherapy.
American journal of translational research IF: 3.94

Cdk2 / db299 ; Cdk4 / db1682

AG-1024 Sensitizes Sorafenib-Resistant Hepatocellular Carcinoma Cells to Sorafenib via Enhancing G1/S Arrest.
OncoTargets and therapy IF: 4.345

Cyclin A2 / db91 CDKN2A/p16INK4a / db3540

Downregulation of MGMT promotes proliferation of intrahepatic cholangiocarcinoma by regulating p21.
Clinical & translational oncology : official publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico IF: 5.738

PCNA / db3315 Histone H3 / db5651

Neohesperidin prevents colorectal tumorigenesis by altering the gut microbiota.
Pharmacological research IF: 10.334

