Recombinant DGRmAb®

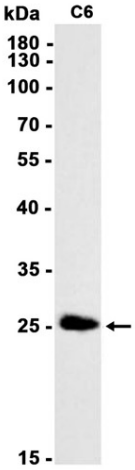
Phospho-p27 KIP 1 (Ser10) (DGR20798) Rabbit mAb

db14917 **Package : 10μL 20μL 50μL 100μL**

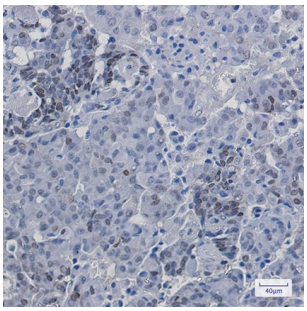
Product Name : Phospho-p27 KIP 1 (Ser10) (DGR20798) Rabbit mAb
Cat.No.: db14917
Synonyms : KIP1; MEN4; CDKN4; MEN1B; P27KIP1
Application : WB, IHC-P, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4). [provided by RefSeq, Apr 2014]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser10 of human p27 KIP 1
Gene ID	1027
Swiss Prot	P46527
Synonyms	KIP1; MEN4; CDKN4; MEN1B; P27KIP1
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, IP
Recommended dilution	WB: 1:1000-1:10000 IHC-P: 1:100 IP: 1:50
Calculated MW	22 kDa
Observed MW	27 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR20798

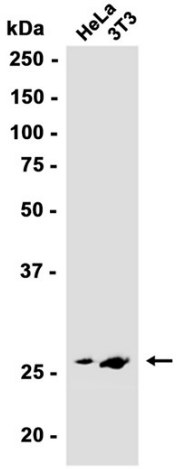
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from C6 cells using db14917 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db14917 antibody.



Western blot analysis of extracts from HeLa, 3T3 cells using db14917 at 1:1000.