

Recombinant

CDKN2A/p16INK4a (DGR11288) Rabbit mAb

DGRmAb[®]

db11660

Package : 10µL 20µL 50µL 100µL

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Product Name : CDKN2A/p16INK4a (DGR11288) Rabbit mAb
Cat.No.: db11660
Synonyms : ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF;
P19ARF; P16INK4; P16INK4A; P16-INK4A
Application : WB, IHC-P, FC, IP
Reactivity : Human
Host species : Rabbit

Background

Background	This generates several transcript variants which there in their instructions. At least three
	alternatively spliced variants encoding distinct proteins have been reported, two of which encode
	structurally related isoforms known to function as inhibitors of CDK4 kinase. The remaining
	transcript includes an alternate first exon located 20 Kb upstream of the remainder of the gene; this
	transcript contains an alternate open reading frame (ARF) that specifies a protein which is
	structurally unrelated to the products of the other variants. This ARF product functions as a stabilizer
	of the tumor suppressor protein p53 as it can interact with, and sequester, the E3 ubiquitin-protein
	ligase MDM2, a protein responsible for the degradation of p53. In spite of the structural and
	functional differences, the CDK inhibitor isoforms and the ARF product encoded by this gene,
	through the regulatory roles of CDK4 and p53 in cell cycle G1 progression, share a common
	functionality in cell cycle G1 control. This gene is frequently mutated or deleted in a wide variety of
	tumors, and is known to be an important tumor suppressor gene. [provided by RefSeq, Sep 2012]
Immunogen	A synthetic peptide of human CDKN2A/p16INK4a
Gene ID	1029
Swiss Prot	P42771
Synonyms	ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF;
	P19ARF; P16INK4; P16INK4A; P16-INK4A
Reactivity	Human
Application	WB, IHC-P, FC, IP
Recommended dilution	WB: 1:1000
	IHC-P: 1:100
	FC: 1:200-1:500
	IP: 1:20-1:50

dvagbvo 戴格生物

Calculated MW	17 kDa
Observed MW	17 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11288
lsotype	lgG
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.
HeLa kDa 250 - 150 - 100 - 75 - 50 - 37 - 25 - 20 - 15 - ← 10 -	Western blot analysis of extracts from HeLa cells using db11660 at 1:1000.
293 KDa 250 - 150 - 100 - 75 - 50 - 37 - 25 - 20 - 15 -	Western blot analysis of extracts from 293 cells using db11660 at 1:1000.