

P15RS Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant RPRD1A.****Catalog # AT3165a****Specification**

P15RS Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	Q96P16
Other Accession	NM_018170
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	35720

P15RS Antibody (monoclonal) (M01) - Additional Information**Gene ID** 55197**Other Names**

Regulation of nuclear pre-mRNA domain-containing protein 1A, Cyclin-dependent kinase inhibitor 2B-related protein, p15INK4B-related protein, RPRD1A, P15RS

Target/Specificity

RPRD1A (NP_060640, 76 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

P15RS Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

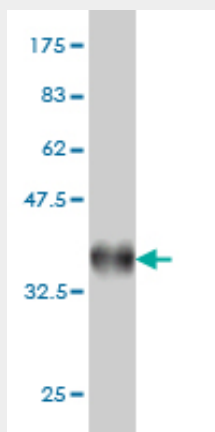
P15RS Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

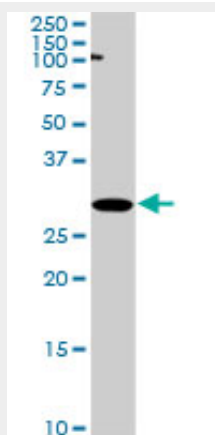
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

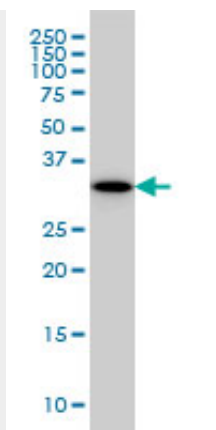
P15RS Antibody (monoclonal) (M01) - Images



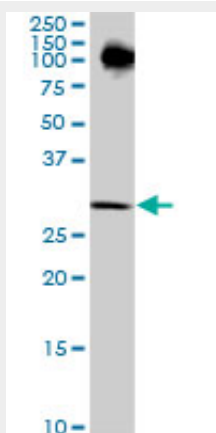
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.19 KDa) .



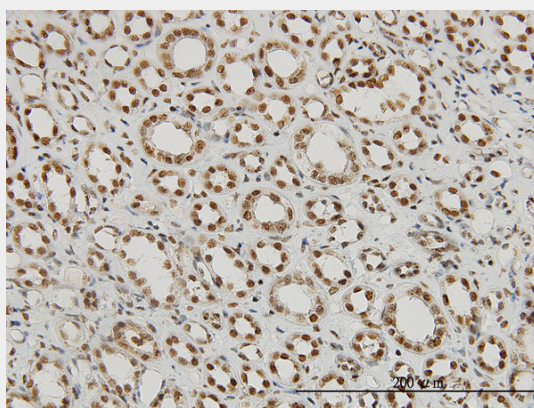
RPRD1A monoclonal antibody (M01), clone 1B8. Western Blot analysis of RPRD1A expression in PC-12 ((Cat # AT3165a)



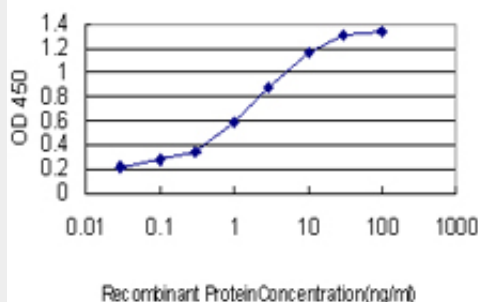
RPRD1A monoclonal antibody (M01), clone 1B8 Western Blot analysis of RPRD1A expression in A-431 (Cat # AT3165a)



RPRD1A monoclonal antibody (M01), clone 1B8. Western Blot analysis of RPRD1A expression in NIH/3T3 (Cat # AT3165a)



Immunoperoxidase of monoclonal antibody to RPRD1A on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged RPRD1A is approximately 0.03ng/ml as a capture antibody.

P15RS Antibody (monoclonal) (M01) - Background

P15RS is upregulated in cells overexpressing cyclin-dependent kinase inhibitor p15(INK4b) (CDKN2B; MIM 600431) and may have a role in cell cycle regulation (Liu et al., 2002 [PubMed 12470661]).

P15RS Antibody (monoclonal) (M01) - References

Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Identification and characterization of P15RS, a novel P15(INK4b) related gene on G1/S progression. Liu J, et al. Biochem Biophys Res Commun, 2002 Dec 20. PMID 12470661.