

EPDR1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant EPDR1.

Catalog # AT1924a

Product Information

Application	WB, IP, E
Primary Accession	Q9UM22
Other Accession	BC018299
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1C1
Calculated MW	25437

Additional Information

Gene ID	54749
Other Names	Mammalian endymin-related protein 1, MERP-1, Upregulated in colorectal cancer gene 1 protein, EPDR1, MERP1, UCC1
Target/Specificity	EPDR1 (AAH18299, 38 a.a. ~ 224 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IP~~N/A 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	EPDR1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

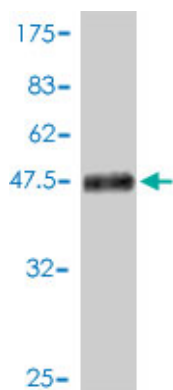
The protein encoded by this gene is a type II transmembrane protein and is similar to two families of cell adhesion molecules, the protocadherins and ependymins. This protein may play a role in calcium dependent cell adhesion.

References

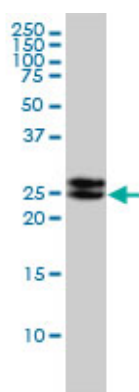
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Twenty bone-mineral-density loci identified by large-scale meta-analysis of genome-wide association studies. Rivadeneira F, et al. Nat Genet, 2009 Nov.

PMID 19801982. Influence of multiple genetic polymorphisms on genitourinary morbidity after carbon ion radiotherapy for prostate cancer. Suga T, et al. Int J Radiat Oncol Biol Phys, 2008 Nov 1. PMID 18374504. A protein-protein interaction network for human inherited ataxias and disorders of Purkinje cell degeneration. Lim J, et al. Cell, 2006 May 19. PMID 16713569. Human chromosome 7: DNA sequence and biology. Scherer SW, et al. Science, 2003 May 2. PMID 12690205.

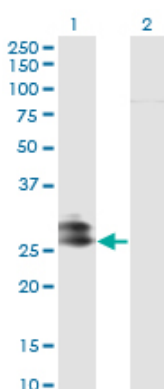
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (46.31 KDa) .

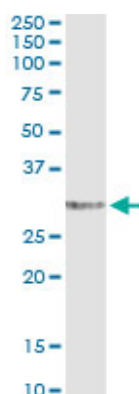


EPDR1 monoclonal antibody (M01), clone 1C1 Western Blot analysis of EPDR1 expression in HeLa (Cat # AT1924a)

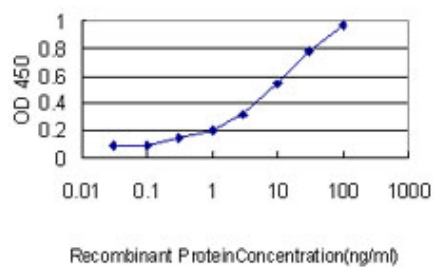


Western Blot analysis of EPDR1 expression in transfected 293T cell line by EPDR1 monoclonal antibody (M01), clone 1C1.

Lane 1: EPDR1 transfected lysate (25.4 KDa).
Lane 2: Non-transfected lysate.



Immunoprecipitation of EPDR1 transfected lysate using anti-EPDR1 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with EPDR1 MaxPab rabbit polyclonal antibody.



Detection limit for recombinant GST tagged EPDR1 is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.