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PLXDC1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PLXDC1.
Catalog # AT3352a

Product Information

Application	WB, E
Primary Accession	Q8IUK5
Other Accession	NM_020405
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	4B10
Calculated MW	55760

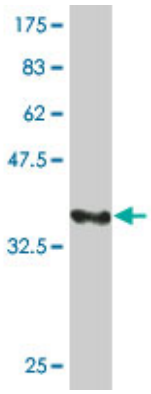
Additional Information

Gene ID	57125
Other Names	Plexin domain-containing protein 1, Tumor endothelial marker 3, Tumor endothelial marker 7, PLXDC1, TEM3, TEM7
Target/Specificity	PLXDC1 (NP_065138, 313 a.a. ~ 421 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	PLXDC1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

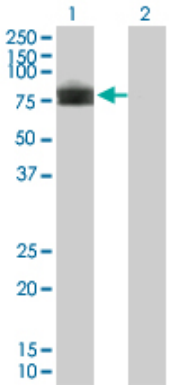
References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Preferential expression of the secreted and membrane forms of tumor endothelial marker 7 transcripts in osteosarcoma. Halder C, et al. Anticancer Res, 2009 Nov. PMID 20032373.TEM7 (PLXDC1) in neovascular endothelial cells of fibrovascular membranes from patients with proliferative diabetic retinopathy. Yamaji Y, et al. Invest Ophthalmol Vis Sci, 2008 Jul. PMID 18316703.High expression of tumor endothelial marker 7 is associated with metastasis and poor survival of patients with osteogenic sarcoma. Fuchs B, et al. Gene, 2007 Sep 15. PMID 17560052.Identification of the basement membrane protein nidogen as a candidate ligand for tumor endothelial marker 7 in vitro and in vivo. Lee HK, et al. FEBS Lett, 2006 Apr 17. PMID 16574105.

Images

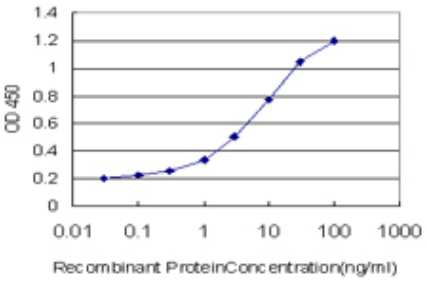


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .

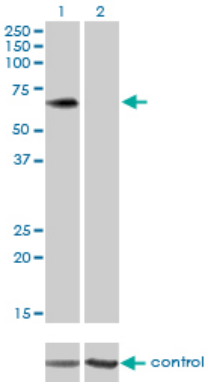


Western Blot analysis of PLXDC1 expression in transfected 293T cell line by PLXDC1 monoclonal antibody (M01), clone 4B10.

Lane 1: PLXDC1 transfected lysate(55.778 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged PLXDC1 is approximately 0.03ng/ml as a capture antibody.



Western blot analysis of PLXDC1 over-expressed 293 cell line, cotransfected with PLXDC1 Validated Chimera RNAi ((Cat # AT3352a)

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