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ADRM1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full-length recombinant ADRM1.
Catalog # AT1061a

Product Information

Application	WB, E
Primary Accession	Q16186
Other Accession	BC017245
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	3D11
Calculated MW	42153

Additional Information

Gene ID	11047
Other Names	Proteasomal ubiquitin receptor ADRM1, 110 kDa cell membrane glycoprotein, Gp110, Adhesion-regulating molecule 1, ARM-1, Proteasome regulatory particle non-ATPase 13, hRpn13, Rpn13 homolog, ADRM1, GP110
Target/Specificity	ADRM1 (AAH17245.1, 18 a.a. ~ 407 a.a) full-length 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	ADRM1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

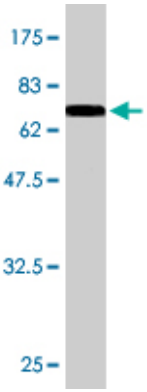
The protein encoded by this gene is an integral plasma membrane protein which promotes cell adhesion. The encoded protein is thought to undergo O-linked glycosylation. Expression of this gene has been shown to be induced by gamma interferon in some cancer cells. Two transcript variants encoding the same protein have been found for this gene.

References

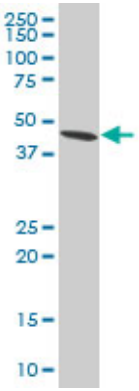
Regulation of NF-kappaB activity and inducible nitric oxide synthase by regulatory particle non-ATPase

subunit 13 (Rpn13). Mazumdar T, et al. Proc Natl Acad Sci U S A, 2010 Aug 3. PMID 20634424.Structure of proteasome ubiquitin receptor hRpn13 and its activation by the scaffolding protein hRpn2. Chen X, et al. Mol Cell, 2010 May 14. PMID 20471946.Functional differences between two major ubiquitin receptors in the proteasome; S5a and hRpn13. Elangovan M, et al. Biochem Biophys Res Commun, 2010 May 28. PMID 20417181.Adrm1 interacts with Atp6v0d2 and regulates osteoclast differentiation. Kim T, et al. Biochem Biophys Res Commun, 2009 Dec 18. PMID 19818731.Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.

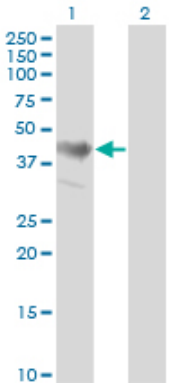
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (68.64 KDa) .

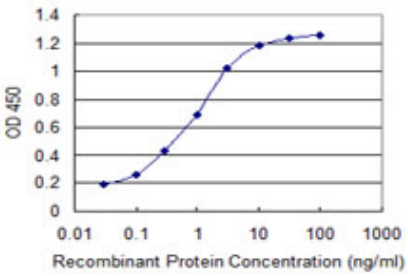


ADRM1 monoclonal antibody (M02), clone 3D11. Western Blot analysis of ADRM1 expression in HeLa ((Cat # AT1061a)



Western Blot analysis of ADRM1 expression in transfected 293T cell line by ADRM1 monoclonal antibody (M02), clone 3D11.

Lane 1: ADRM1 transfected lysate(42.2 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged ADRM1 is 0.03 ng/ml as a capture antibody.

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