

Mouse anti-Human ADRM1 Monoclonal Antibody | anti-ADRM1 antibody

ADRM1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48243	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

ADRM1; Monoclonal Antibody; ADRM1 antibody; Proteasomal ubiquitin receptor ADRM1; ARM1; GP110; Rpn13; anti-ADRM1 antibody

PRODUCT SPECIFICATIONS

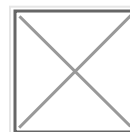
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT34C2
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	407
Applicable Applications for anti-ADRM1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human ADRM1 (1-407aa) purified from E. coli
Clone Note	Anti-human ADRM1 mAb, clone AT34C2, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human ADRM1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of ADRM1 in MCF7 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human ADRM1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human ADRM1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1 : MCF7 cell lysate Lane 2 : HeLa cell lysate Lane 3 : K562 cell lysate Lane 4 : PC3 cell lysate Lane 5 : 293T cell lysate Lane 6 : HepG2 cell lysate Lane 7 : Jurkat cell lysate Lane 8 : U87MG cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ADRM1 antibody	ADRM1, also known as proteasomal ubiquitin receptor ADRM1, functions as a proteasomal ubiquitin receptor. This protein is an integral plasma membrane protein which promotes cell adhesion. ADRM1 is thought to undergo O-linked glycosylation. Expression of this gene has been shown to be induced by gamma interferon in some cancer cells.
Product Categories/Family for anti-ADRM1 antibody	Signal Transduction; Cytoskeleton
References	Hamazaki J., et al. (2006) EMBO J. 25: 4524-4536. ; Qiu X.-B., et al. (2006) EMBO J. 25: 5742-5753.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28373194
NCBI GeneID	11047
NCBI Accession #	NP_783163
NCBI GenBank Nucleotide #	NM_175573.2
UniProt Accession #	Q16186; Q96FJ7; Q9H1P2; A0PKB1
Molecular Weight	42,153 Da
NCBI Official Full Name	proteasomal ubiquitin receptor ADRM1 isoform 1
NCBI Official Synonym Full Names	adhesion regulating molecule 1
NCBI Official Symbol	ADRM1
NCBI Official Synonym Symbols	ARM1; ARM-1; GP110
NCBI Protein Information	proteasomal ubiquitin receptor ADRM1
UniProt Protein Name	Proteasomal ubiquitin receptor ADRM1
UniProt Gene Name	ADRM1
UniProt Synonym Gene Names	GP110; Gp110; ARM-1; hRpn13

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.