Mouse MPP1 Monoclonal Antibody | anti-MPP1 antibody

MPP1 (Membrane Protein, Palmitoylated 1, 55kD, AAG12, DXS552, DXS552E, EMP55, MRG1, PEMP) (PE)

CATALOG #	HOST	APPLICATIONS
AAA26610	**Mouse**	**Immunofluorescence, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

MPP1; Monoclonal Antibody; MPP1 (Membrane Protein; Palmitoylated 1; 55kD; AAG12; DXS552; DXS552E; EMP55; MRG1; PEMP) (PE); Membrane Protein; PEMP; anti-MPP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1E11-1G11
Specificity	Recognizes MPP1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Sequence Length	466
Applicable Applications for anti-MPP1 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	MPP1 (AAH02392, 1aa-466aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTLKASEGESGGSMHTALSDLYLEHLLQKRSRPEAVSHPLNTVTEDMYTNGSPAPGSPAQVKGQEVRKVRLIQFEKVTEEPMGITLKLNEKQSCTVARIL
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo

IMAGES

WB (Western Blot)
Western Blot analysis of MPP1 expression in transfected 293T cell line by MPP1 monoclonal antibody (M01), clone 1E11-1G11.Lane 1: MPP1 transfected lysate (Predicted MW: 52.3 KDa).Lane 2: Non-transfected lysate.

IP (Immunoprecipitation)
Immunoprecipitation of MPP1 transfected lysate using anti-MPP1 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with MPP1 monoclonal antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to MPP1 on HeLa cell. [antibody concentration 10 ug/ml]

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Immunofluorescence of monoclonal antibody to MPP1 on HeLa cell. [antibody concentration 10 ug/ml]

WB (Western Blot)
MPP1 monoclonal antibody (M01), clone 1E11-1G11. Western Blot analysis of MPP1 expression in human placenta.

Application Data
Detection limit for recombinant GST tagged MPP1 is approximately 1ng/ml as a capture antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MPP1 antibody	Palmitoylated membrane protein 1 is the prototype of a family of membrane-associated proteins termed MAGUKs (membrane-associated guanylate kinase homologs). MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. Palmitoylated membrane protein 1 contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate with the cytoskeleton and are suspected to play important roles in signal transduction. [provided by RefSeq]
Product Categories/Family for anti-MPP1 antibody	Antibodies; Membrane Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	12803175
NCBI GeneID	4354
NCBI Official Full Name	Membrane protein, palmitoylated 1, 55kDa
NCBI Official Synonym Full Names	membrane palmitoylated protein 1
NCBI Official Symbol	MPP1
NCBI Official Synonym Symbols	MRG1; PEMP; AAG12; EMP55; DXS552E
NCBI Protein Information	55 kDa erythrocyte membrane protein

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/mpp1-antibody-clone-1e11-1g11-immunofluorescence-immunoprecipitation-western-blot-elisa/26610