

Rabbit M6PR Polyclonal Antibody | anti-M6PR antibody

M6PR Antibody (C-term)

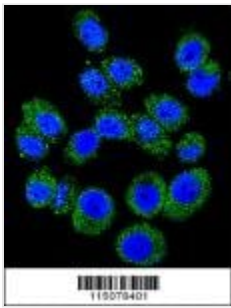
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286592	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

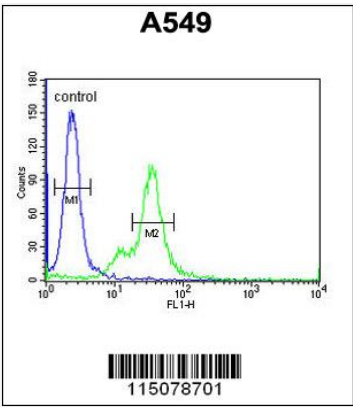
M6PR; Polyclonal Antibody; M6PR Antibody (C-term); Cation-dependent mannose-6-phosphate receptor; CD Man-6-P receptor; CD-MPR; 46 kDa mannose 6-phosphate receptor; MPR 46; MPR46; MPRD; anti-M6PR antibody

PRODUCT SPECIFICATIONS

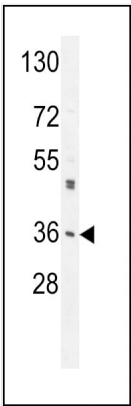
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This M6PR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 230-260 amino acids from the C-terminal region of human M6PR.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	230-260
Sequence Length	277
Applicable Applications for anti-M6PR antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of M6PR Antibody (C-term)(AAA286592) with A549 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
M6PR Antibody (C-term) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
M6PR Antibody (C-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the M6PR antibody detected the M6PR protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-M6PR antibody	The protein encoded by this gene is a receptor for mannose-6-phosphate groups on lysosomal enzymes. The receptor forms a homodimer or homotetramer for intracellular targeting of lysosomal enzymes and export of newly synthesized lysosomal enzymes into the cell secretions. The receptor is an integral membrane protein which localizes to the trans-Golgi reticulum, endosomes, and the plasma membrane.
Product Categories/Family for anti-M6PR antibody	Immunology; Signal Transduction
References	Bosker, F.J., et al. Mol. Psychiatry (2010) In press : Op den Brouw, M.L., et al. Virology 393(1):84-90(2009) Schimanski, L.M., et al. Blood Cells Mol. Dis. 43(2):180-193(2009) Rodriguez-Gabin, A.G., et al. Exp. Cell Res. 315(13):2215-2230(2009) Xaplanteri, P., et al. Eur. J. Immunol. 39(3):730-740(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505061
NCBI GeneID	4074

NCBI Accession #	NP_002346.1
NCBI GenBank Nucleotide #	NM_002355.3
UniProt Accession #	P20645 ; A8K528 ; D3DUV5
Molecular Weight	30993
NCBI Official Full Name	cation-dependent mannose-6-phosphate receptor isoform 1
NCBI Official Synonym Full Names	mannose-6-phosphate receptor (cation dependent)
NCBI Official Symbol	M6PR
NCBI Official Synonym Symbols	SMPR; MPR46; CD-MPR; MPR 46; MPR-46
NCBI Protein Information	cation-dependent mannose-6-phosphate receptor
UniProt Protein Name	Cation-dependent mannose-6-phosphate receptor
UniProt Gene Name	M6PR
UniProt Synonym Gene Names	MPR46; MPRD; CD Man-6-P receptor; CD-MPR; MPR 46
UniProt Entry Name	MPRD_HUMAN

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/polyclonal/m6pr-antibody-western-blot-immunofluorescence-flow-cytometry-elisa/286592>