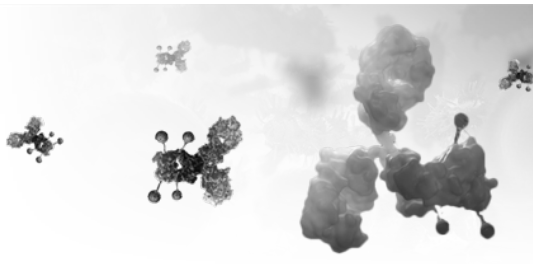

Anti-M6PR monoclonal antibody, clone FQS8702 (DCABH-2959)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to M6PR (cation dependent)
Antigen Description	Mannose 6 Phosphate Receptor (Cation dependent) transports phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelyosomal compartment where the low pH mediates the dissociation of the complex.
Immunogen	Synthetic peptide corresponding to residues near the C-terminal of Human Mannose 6 Phosphate Receptor (Cation dependent)(P20645).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS8702
Conjugate	Unconjugated
Applications	WB, ICC/IF
Positive Control	A549 and Human uterus lysates
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: 49% PBS, 50% Glycerol, 0.05% BSA

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Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	M6PR mannose-6-phosphate receptor (cation dependent) [Homo sapiens]
Official Symbol	M6PR
Synonyms	M6PR; mannose-6-phosphate receptor (cation dependent); cation-dependent mannose-6-phosphate receptor; Mr 46,000 Man6PR; CD Man-6-P receptor; small mannose 6-phosphate receptor; 46-kDa mannose 6-phosphate receptor; SMPR; MPR46; CD-MPR; MPR 46; MPR-46; FLJ3
Entrez Gene ID	4074
Protein Refseq	NP_001193953
UniProt ID	F5GX30
Chromosome Location	12
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Lysosome Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem;
Function	mannose binding; mannose transmembrane transporter activity; receptor activity; transmembrane signaling receptor activity;

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