

## MAN1B1 Conjugated Antibody

Catalog No: #C34675



Package Size: #C34675-AF350 100ul #C34675-AF405 100ul #C34675-AF488 100ul  
 #C34675-AF555 100ul #C34675-AF594 100ul #C34675-AF647 100ul  
 #C34675-AF680 100ul #C34675-AF750 100ul #C34675-Biotin 100ul

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## Description

Product Name	MAN1B1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total MAN1B1 protein.
Immunogen Description	Synthesized peptide derived from internal of human MAN1B1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Endoplasmic reticulum mannosyl-oligosaccharide 1;2-alpha-mannosidase;EC=3.2.1.113;ER alpha-1;2-mannosidase
Accession No.	Swiss-Prot#:Q9UKM7NCBI Gene ID:11253
Uniprot	Q9UKM7
GeneID	11253;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	80
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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Involved in glycoprotein quality control targeting of misfolded glycoproteins for degradation. It primarily trims a single alpha-1,2-linked mannose residue from Man9GlcNAc2 to produce Man8GlcNAc2, but at high enzyme concentrations, as found in the ER quality control compartment (ERQC), it further trims the carbohydrates to Man5-6GlcNAc2.

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Note: This product is for in vitro research use only