

## ALG1 Conjugated Antibody

Catalog No: #C31348



Package Size: #C31348-AF350 100ul #C31348-AF405 100ul #C31348-AF488 100ul  
 #C31348-AF555 100ul #C31348-AF594 100ul #C31348-AF647 100ul  
 #C31348-AF680 100ul #C31348-AF750 100ul #C31348-Biotin 100ul

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## Description

Product Name	ALG1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Hu,Ms,Rt
Immunogen Description	Recombinant fusion protein of human ALG1 (NP_061982.3).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ALG1; CDG1K; HMAT1; HMT-1; HMT1; MT-1; Mat-1; hMat-1; chitobiosyldiphosphodolichol beta-mannosyltransferase
Accession No.	Swiss-Prot#:Q9BT22NCBI Gene ID:56052
Uniprot	Q9BT22
GeneID	56052;
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	60kDa
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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## Background

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The enzyme encoded by this gene catalyzes the first mannosylation step in the biosynthesis of lipid-linked oligosaccharides. This gene is mutated in congenital disorder of glycosylation type II.

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Note: This product is for in vitro research use only