LAMP3 Conjugated Antibody

Catalog No: #C40192

Package Size: #C40192-AF350 100ul #C40192-AF405 100ul #C40192-AF488 100ul #C40192-AF555 100ul #C40192-AF594 100ul #C40192-AF647 100ul #C40192-AF680 100ul #C40192-AF750 100ul #C40192-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	LAMP3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total LAMP3 protein.
Immunogen Description	Synthetic peptide of human LAMP3 molecule
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MLA1; ME491; LAMP-3; OMA81H; TSPAN30; CD63 antigen; Granulophysin; Lysosomal-associated membrane protein 3; Melanoma-associated antigen ME491; Ocular melanoma-associated antigen; Tetraspanin-30; Tspan-30; CD63
Accession No.	Swiss-Prot#:P08962NCBI Gene ID:967NCBI mRNA#:NCBI Protein#:NP_001244318
Uniprot	P08962
GeneID	967;
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	26
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin 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

Background

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms.

Note: This product is for in vitro research use only