

# Lymphatic vessel endothelial hyaluronic acid receptor 1 Conjugated Antibody

Catalog No: #C21407

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Package Size: #C21407-AF350 100ul #C21407-AF405 100ul #C21407-AF488 100ul

#C21407-AF555 100ul #C21407-AF594 100ul #C21407-AF647 100ul

#C21407-AF680 100ul #C21407-AF750 100ul #C21407-Biotin 100ul

## Description

Product Name	Lymphatic vessel endothelial hyaluronic acid receptor 1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total Lymphatic vessel endothelial hyaluronic acid receptor 1 protein.
Immunogen Description	Peptide sequence around aa.271~275 (K-N-Q-Q-K) derived from Human Lymphatic vessel endothelial hyaluronic acid receptor 1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	LYVE1
Accession No.	Swiss-Prot#:Q9Y5Y7 NCBI Gene ID:10894NCBI mRNA#:NM_006691.3NCBI Protein#:NP_006682.2
Uniprot	Q9Y5Y7
GeneID	10894;
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	40
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

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Background

Ligand-specific transporter trafficking between intracellular organelles (TGN) and the plasma membrane. Plays a role in autocrine regulation of cell growth mediated by growth regulators containing cell surface retention sequence binding (CRS). May act as an hyaluronan (HA) transporter, either mediating its uptake for catabolism within lymphatic endothelial cells themselves, or its transport into the lumen of afferent lymphatic vessels for subsequent re-uptake and degradation in lymph nodes.

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Note: This product is for in vitro research use only