



Mouse LYVE1 peptide (DAG-P1772)

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

PRODUCT INFORMATION

Antigen Description	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 a 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.
Specificity	Mainly expressed in endothelial cells lining lymphatic vessels.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 Link domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	Lyve1 lymphatic vessel endothelial hyaluronan receptor 1 [Mus musculus (house mouse)]
Official Symbol	LYVE1
Synonyms	LYVE1; lymphatic vessel endothelial hyaluronan receptor 1; Xlkd1; Lyve-1; Crsbp-1; 1200012G08Rik; lymphatic vessel endothelial hyaluronic acid receptor 1; extra cellular link domain-containing 1; lymphatic vessel endothelial HA recptor-1; lymphatic vessel endothelial HA receptor-1; extracellular link domain-containing protein 1; cell surface retention sequence binding protein-1; cell surface retention sequence-binding protein 1;

Entrez Gene ID	114332
mRNA Refseq	NM_053247.4
Protein Refseq	NP_444477.2
UniProt ID	Q8BHC0
Chromosome Location	7; 7 F2
Pathway	Disease, organism-specific biosystem; Glycosaminoglycan metabolism, organism-specific biosystem; Hyaluronan metabolism, organism-specific biosystem; Hyaluronan uptake and degradation, organism-specific biosystem; MPS I - Hurler syndrome, organism-specific biosystem; MPS II - Hunter syndrome, organism-specific biosystem; MPS IIIA - Sanfilippo syndrome A, organism-specific biosystem; MPS IIIB - Sanfilippo syndrome B, organism-specific biosystem; MPS IIIC - Sanfilippo syndrome C, organism-specific
Function	hyaluronic acid binding; transmembrane signaling receptor activity;