LYVE1
Rabbit Monoclonal Antibody (Mab)
Catalog # APA552

Specification

LYVE1 - Product Information

Application	**IHC**
Primary Accession	Q9Y5Y7
Host	**Rabbit**
Clonality	**Monoclonal**
Calculated MW	**35213 Da**

LYVE1 - Additional Information

Gene ID	**10894**
Gene Name	**LYVE1**

Other Names
Lymphatic vessel endothelial hyaluronic acid receptor 1, LYVE-1, Cell surface retention sequence-binding protein 1, CRSBP-1, Extracellular link domain-containing protein 1, Hyaluronic acid receptor, LYVE1, CRSBP1, HAR, XLKD1

Storage	**Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.**
Precautions	**LYVE1 is for research use only and not for use in diagnostic or therapeutic procedures.**

LYVE1 - Protein Information

Name LYVE1

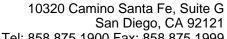|	
Synonyms	**CRSBP1, HAR, XLKD1**
Function	**Ligand-specific transporter trafficking between intracellular organelles (TGN) and the plasma membrane. Plays a role in autocrine regulation of cell growth mediated by growth regulators containing cell surface retention sequence binding (CRS). May act as 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.**
Cellular Location	**Membrane; Single- pass type I membrane protein Note=Localized to the plasma**

	membrane and in vesicles near extranuclear membranes which may represent trans-Golgi network (TGN) and endosomes/prelysosomeal compartments. Undergoes ligand-dependent internalization and recycling at the cell surface
Tissue Location	**Mainly expressed in endothelial cells lining lymphatic vessels.**

LYVE1 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytomety](#)
- [Cell Culture](#)

LYVE1 - Images