

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

Dilution

IHC~~1:100~500

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

Cellular Location

lymph nodes.

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/prelysosomal 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 Cytometry](#)
- [Cell Culture](#)

LYVE1 - Images