



#### 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**

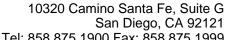
Name LYVE1

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





Tel: 858.875.1900 Fax: 858.875.1999

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

Mainly expressed in endothelial cells lining

lymphatic vessels.

# Tissue Location

## **LYVE1 - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## LYVE1 - Images