

# LYVE1 Antibody(immunohistochemistry)

LYVE1

Catalog # AD80567

## Product Information

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Application	IHC
Primary Accession	<a href="#">Q9Y5Y7</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	315I8C7
Calculated MW	35213

## Additional Information

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Gene ID	10894
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.

## Protein Information

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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 (PubMed: <a href="#">10037799</a> ). Binds to pericellular hyaluronan matrices deposited on the surface of leukocytes and facilitates cell adhesion and migration through lymphatic endothelium (PubMed: <a href="#">26823460</a> ).
Cellular Location	Cell 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 Localizes at cell-cell junctions
Tissue Location	Mainly expressed in endothelial cells lining lymphatic vessels.

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