

## ARG66601 anti-LYVE1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes LYVE1
Tested Reactivity	Hu
Tested Application	FACS, IHC-Fr, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	LYVE1
Species	Human
Immunogen	Recombinant Human LYVE1.
Conjugation	Un-conjugated
Alternate Names	Lymphatic vessel endothelial hyaluronic acid receptor 1; Hyaluronic acid receptor; LYVE-1; XLKD1; HAR; Extracellular link domain-containing protein 1; CRSBP-1; Cell surface retention sequence-binding protein 1

### Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	IHC-Fr	1:30 - 1:200
	IHC-P	1:10-1:300
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

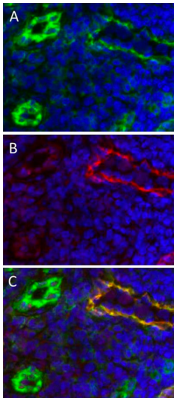
### Properties

Form	Liquid
Buffer	PBS
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

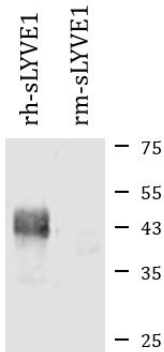
Gene Symbol	LYVE1
Gene Full Name	lymphatic vessel endothelial hyaluronan receptor 1
Background	This gene encodes a type I integral membrane glycoprotein. The encoded protein acts as a receptor and binds to both soluble and immobilized hyaluronan. This protein may function in lymphatic hyaluronan transport and have a role in tumor metastasis. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	35 kDa
PTM	O-glycosylated. [UniProt]
Cellular Localization	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. [UniProt]

Images



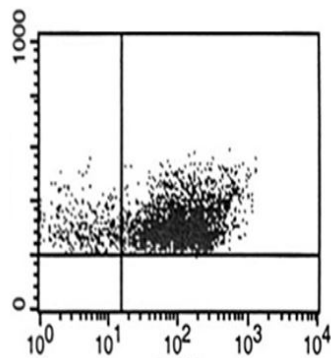
ARG66601 anti-LYVE1 antibody IHC-Fr image

Immunohistochemistry: Cryo sections of Human colon carcinoma tissue stained with ARG66601 anti-LYVE1 antibody (red) and anti-Human CD31 (green). A: CD31; B: LYVE1; C: Merged.



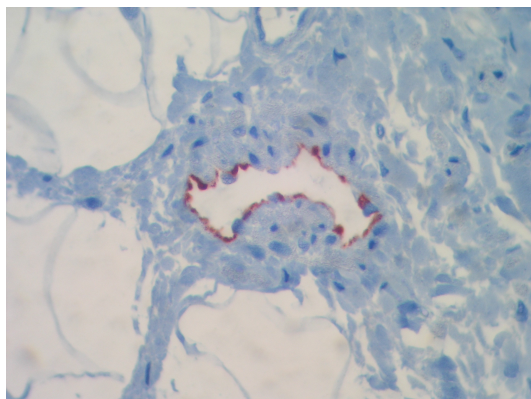
ARG66601 anti-LYVE1 antibody WB image

Western blot: Recombinant Human sLYVE1 and Mouse sLYVE1 stained with ARG66601 anti-LYVE1 antibody. There is more or less no cross reactivity with Mouse LYVE1.



ARG66601 anti-LYVE1 antibody FACS image

Flow Cytometry: Human dermal microvascular endothelial cells (HDMVEC) stained with ARG66601 anti-LYVE1 antibody.



ARG66601 anti-LYVE1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human intestine (border area of a colon carcinoma) stained with ARG66601 anti-LYVE1 antibody.