

## LYVE1 Ab

Cat.#: AF4202  
Size: 50ul,100ul,200ul

Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 40 kd  
Clonality: Polyclonal

Application:	WB 1:500-1:1000
Reactivity:	Human,Mouse,Rat
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	The Ab detects endogenous level of total Lymphatic vessel endothelial hyaluronic acid receptor 1 protein.
Immunogen:	Peptide sequence around aa.271~275 (K-N-Q-Q-K) derived from Human Lymphatic vessel endothelial hyaluronic acid receptor 1.
Uniprot:	Q9Y5Y7
Description:	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 an 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.
Subcellular Location:	Membrane. 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 Specificity:	Mainly expressed in endothelial cells lining lymphatic vessels.
Storage Condition and Buffer:	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and glycerol.



Western blot analysis of LYVE1 Ab expression in MCF cells lysates. The lane on the left is treated with the antigen-specific peptide.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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