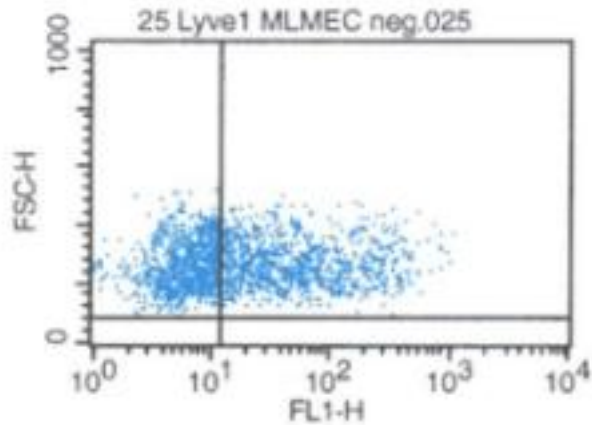


## LYVE1

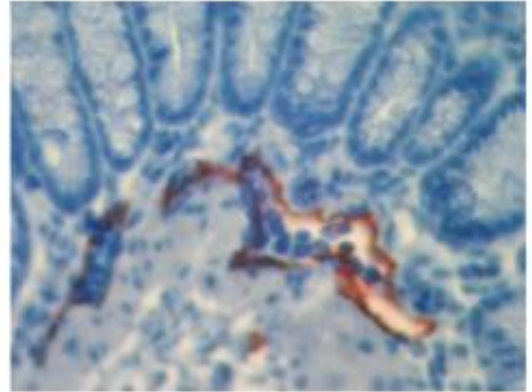
### Rabbit Anti-Mouse LYVE-1 Affinity Purified pAb

<b>Catalog No.</b>	PA0846	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	Lymphatic vessel endothelial hyaluronic acid receptor 1, cell surface retention sequence-binding protein 1, CRSBP-1, extracellular link domain-containing protein 1		
<b>Description:</b>	Lymphatic Vessel Endothelial Hyaluronan Receptor 1 (LYVE-1) has been identified as a major receptor for HA (extracellular matrix glycosaminoglycan hyaluronan) on the lymph vessel wall. The deduced amino acid sequence of LYVE-1 predicts a 322-residue type I integral membrane polypeptide 41% similar to the CD44 HA receptor with a 212-residue extracellular domain containing a single Link module, the prototypic HA binding domain of the Link protein super family. Like CD44, the LYVE-1 molecule binds both soluble and immobilized HA. However, unlike CD44, the LYVE-1 molecule colocalizes with HA on the luminal face of the lymph vessel wall and is completely absent from blood vessels. Hence, LYVE-1 is the first lymph specific HA receptor to be characterized and is a uniquely powerful marker for lymph vessels themselves.		
<b>UniProt ID:</b>	Q8BHC0		
<b>Gene ID:</b>	114332		
<b>Specificity:</b>	Mouse LYVE-1		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Recombinant Mouse soluble LYVE-1 (aa 24-228) derived from insect cells		
<b>Isotype:</b>	IgG		
<b>Conjugate:</b>	Unconjugated		
<b>Formulation:</b>	Lyophilized from a solution in PBS.		
<b>Purification:</b>	Antigen Affinity Purified		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to the vial to fully solubilize the antibody to a concentration 0.1 - 1.0 mg/mL.		
<b>Applications:</b>	ELISA, Western Blot (WB), Flow Cytometry (FACS), ImmunoHistoChemistry (IHC), ImmunoFluorescence (IF)		
<b>Application Notes:</b>	<p><b>ELISA:</b> working dilution of 1-15 µg/mL</p> <p><b>WB:</b> working dilution of 2-5 µg/mL</p> <p><b>FACS:</b> working dilution of 3-10 µg/mL</p> <p><b>IF/IHC:</b> works with cryo-sections</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
<b>Storage &amp; Stability:</b>	Store as supplied for up to 1 year at at -20°C to -80°C. Reconstitute and store at 2-8°C for up to two weeks or freeze aliquots at -20°C to -80°C for up to six months. <b>Avoid repeated freeze-thaw cycles.</b>		

FACS analysis of primary mouse lung microvascular endothelial cells (MLMEC) with PA0846.



Immunohistochemistry with PA0846 on paraffin-embedded sections of mouse intestine. Lymphatic endothelial cells of the intestine are stained (red).



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



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