

## Rabbit Anti-Human Lyve-1

### ORDERING INFORMATION

<b>Catalog Number:</b>	102-PA50S
<b>Size:</b>	100 µg
<b>Formulation:</b>	Polyclonal Antibody ; lyophilized
<b>Synonyms:</b>	LYVE1; HAR; XLKD1; LYVE-1; CRSBP-1
<b>Antigen:</b>	Rhu LYVE-1 (RT #S01-028)
<b>Application:</b>	WB, IHC (P, F), IF
<b>Stabilizer:</b>	None
<b>Buffer:</b>	PBS pH 7.4 w/o preservative

#### **Description:**

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 superfamily. 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.

#### **Reconstitution:**

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

#### **Stability:**

The lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least two weeks at 2-8 °C. Frozen aliquots are stable for at least 6 months when stored at -20 °C. **Avoid repeated freeze-thaw cycles!**

*Optimal dilutions should be determined by each laboratory for each application.*

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

**This product is sold for Research Use Only !**