

## LYVE1 polyclonal antibody

Catalog: BS90816

Host: Rabbit

Reactivity: Human

### BackGround:

Lymphatic vessel endothelial hyaluronan receptor-1 (LYVE-1) is expressed on the cell surface as a protein that is reduced by glycosidase treatment. LYVE-1 is abundant in spleen, lymph node, heart, lung and fetal liver, and is less abundant in appendix, bone marrow, placenta, muscle and adult liver. Expression of LYVE-1 is largely restricted to endothelial cells lining lymphatic vessels and splenic sinusoidal endothelial cells. LYVE-1 binds to both soluble and immobilized hyaluronan (HA) with greater specificity than HCAM. Like HCAM, the LYVE-1 molecule binds both soluble and immobilized HA. However, unlike HCAM, the LYVE-1 molecule co-localizes 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. LYVE-1 is used as a marker to study tumor lymphangiogenesis, which is an important area of investigation.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

55 kDa

### Swiss-Prot:

Q9Y5Y7

### Purification&Purity:

### Affinity Purification

### Applications:

WB:1:1,000

IHC-P:1:1000-1:10000

IP:1:20

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

LYVE1 polyclonal antibody detects endogenous levels of LYVE1 protein.

### DATA:



Western blot analysis of extracts from Human fetal spleen tissue using LYVE1 polyclonal antibody at 1:1000.

### Note:

For research use only, not for use in diagnostic procedure.

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