

LYVE-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251673

Unit: 0.1 mg

Description:

Lymphatic vessel endothelial hyaluronic acid receptor 1 (LYVE-1) is a ligand-specific transporter trafficking between intracellular organelles and the plasma membrane. LYVE-1 is involved in autocrine regulation of cell growth mediated by growth regulators containing cell surface retention sequence binding (CRS). LYVE-1 acts as a hyaluronan transporter either by mediating its uptake for catabolism within lymphatic endothelial cells or its transport into the lumen of afferent lymphatic vessels for subsequent re-uptake and degradation in lymph nodes. LYVE-1 is localized to the plasma membrane and in vesicles near extranuclear membranes mainly in endothelial cells lining lymphatic vessels.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

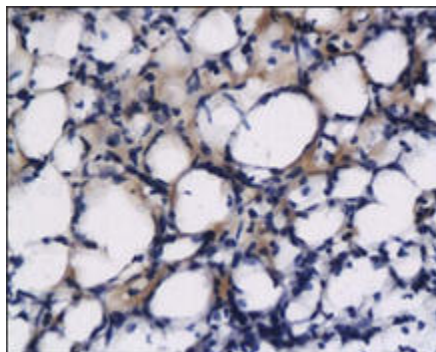
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: LYVE-1; Lymphatic vessel endothelial hyaluronic acid receptor 1; Cell surface retention sequence-binding protein 1; CRSBP-1; Hyaluronic acid receptor; Extracellular link domain-containing protein 1; LYVE1; CRSBP1; HAR; XLKD1

Accession No.: Q9Y5Y7

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human LYVE-1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



LYVE-1 staining in human lymphangioma. Paraffin-embedded human lymphangioma is stained with LYVE-1 Antibody (Cat. No. 251673) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.