Datasheet for ABIN2745544

anti-LYVE1 antibody (AA 24-228)

2 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	LYVE1
Binding Specificity:	AA 24-228
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant mouse soluble LYVE-1 (aa24-228).
Specificity:	Recognizes mouse LYVE-1.
Cross-Reactivity:	Mouse (Murine)
Purification:	Protein A purified.

Target Details

Target:	LYVE1
Alternative Name:	Lyve1 (LYVE1 Products)
Background:	LYVE-1 has been identified as a major receptor for HA (extracellular matrix glycosaminoglycan hyaluronan) on the lymph vessel wall. Like CD44, the LYVE-1 Molecule binds both soluble and immobilized HA. However, unlike CD44, 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,

Target Details

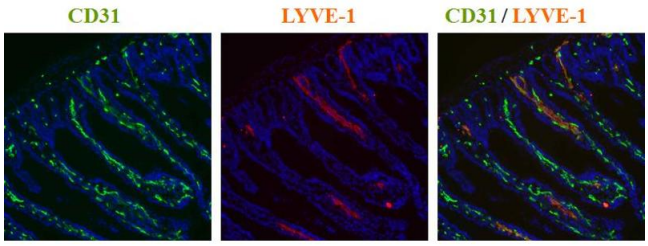
	LYVE-1 is the first lymph-specific HA receptor to be characterized and is a uniquely powerful marker for lymph vessels themselves.
UniProt:	Q8BHC0
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

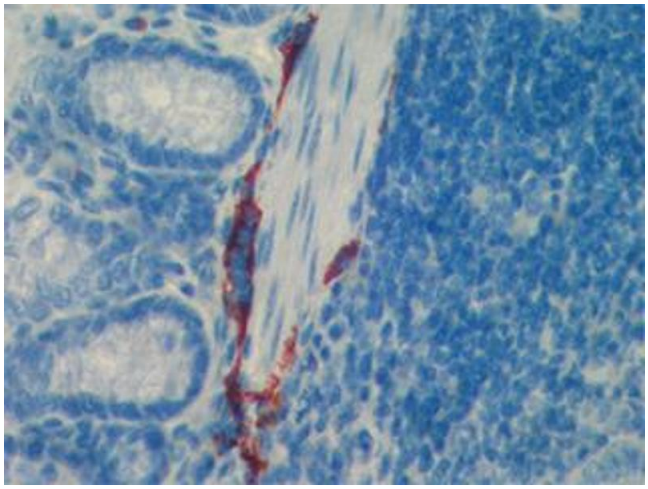
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with sterile water to a concentration of 0.1-1.0 mg/mL.
Concentration:	Lot specific
Buffer:	Lyophilized.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months



Immunohistochemistry

Image 1. Immunohistochemistry detection of endogenous LYVE-1 in cryo sections of mouse colon carcinoma using anti-LYVE-1 (mouse), pAb (red) and anti-mouse CD31 pAb (green).



Immunohistochemistry

Image 2. Immunohistochemistry detection of endogenous LYVE-1 in paraffin-embedded sections of mouse intestine using anti-LYVE-1 (mouse), pAb (red staining of lymphatic endothelial intestine cells).

