bs-1311R

[Primary Antibody]

LYVE-1 Rabbit pAb



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– DATASHEET –––––		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:200-500)
Clonality: Polyclonal		IHC-F (1:200-500) IF (1:200-500)
GenelD: 114332	SWISS: Q8BHC0	
Target: LYVE-1		Reactivity: Human, Mouse
Immunogen: KLH conjugated sy terminus: 231-318	nthetic peptide derived from mouse LYVE-1 /318. < Cytoplasmic >	
Purification: affinity purified by Protein A		Predicted 32 kDa
Concentration: 1mg/ml		MW.: 02 104
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Extracellular matrix , Location: membrane ,Cytoplas
Background: The lymphatic vas drains extracellula environment in wh foreign antigen. Re been identified tha endothelium, inclu VEGFR3, podoplar for HA (extracellula lymph vessel wall. predicts a 322-resi similar to the CD44 domain containing domain of the Linh molecule binds bo CD44, the LYVE1 m of the lymph vesses vessels. Hence, LY characterized and themselves.	culature forms a second circulatory system that r fluid from the tissues and provides an exclusive ich immune cells can encounter and respond to ecently a number of interesting molecules have at may be exploited as markers for lymphatic uding the hyaluronan receptor LYVE1, PALE, in. LYVE1 has been identified as a major receptor ar matrix glycosaminoglycan hyaluronan) on the The deduced amino acid sequence of LYVE1 due type I integral membrane polypeptide 41% H A receptor with a 212-residue extracellular g single Link module the prototypic HA binding protein superfamily. Like CD44, the LYVE1 th soluble and immobilized HA. However, unlike olecule colocalizes with HA on the luminal face I wall and is completely absent from blood /E1 is the first lymph-specific HA receptor to be is a uniquely powerful marker for lymph vessels	

– VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with LYVE-1 Polyclonal Antibody, Unconjugated (bs-1311R) at 1:600 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with LYVE-1 Polyclonal Antibody, Unconjugated (bs-1311R) at 1:600 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

- SELECTED CITATIONS -

- [IF=3.3] Merigo et al. Glucose transporter expression in the human colon. (2018) World.J.Gastroenterol. 24:775-793 IHC ;Human. 29467549
- [IF=1.68] Sun, Y., et al. "A Reproducible In-vivo Model of Lymphatic Malformation in Rats." Journal of comparative

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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- [IF=2.11] Zhang, Chun, et al. "MTDH/AEG-1-based DNA vaccine suppresses metastasis and enhances chemosensitivity to paclitaxel in pelvic lymph node metastasis." Biomedicine & Pharmacotherapy (2015). IHC ;= "Mouse". 25776504
- [IF=1.935] Hayashi T et al. Characteristics of Leiomyosarcoma: Induction of Hematogenous Metastasis by Isolated Uterine Mesenchymal Tumor Stem-like Cells Anticancer Res. 2020 Mar;40(3):1255-1265. IHC ;human. 32132022
- [IF=0] Michurina et al. Linagliptin alleviates fatty liver disease in diabeticdb/dbmice. (2016) World.J.Diabetes. 7:534-546 IHC ;Mouse. 27895822