abcam

Product datasheet

Anti-LYVE1 antibody - BSA and Azide free ab14917

37 Abreviews 256 References 6 图像

概述

产品名称	Anti-LYVE1抗体- BSA and Azide free
描述	**兔多克隆抗体**to LYVE1 - BSA and Azide free
宿主	Rabbit
经测试应用	**适用于:** ICC, IHC-P
种属反应性	**与反应:** Mouse
免疫原	Recombinant fragment (His-tag) corresponding to Mouse LYVE1 aa 1-250 (C terminal). Database link: **Q8BHC0** Run BLAST with Run BLAST with
常规说明	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	Constituent: PBS
无载体	**是**
纯度	Protein A purified
纯化说明	Protein-A Chromatography (+his tag depleted).
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab14917于以下的经测试应用**

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC		Use at an assay dependent concentration.
IHC-P	★★★★☆ (27)	Use at an assay dependent concentration.

靶标

功能 Ligand-specific transporter trafficking between intracellular organelles (TGN) and the plasma membrane. Plays a role in autocrine regulation of cell growth mediated by growth regulators containing cell surface retention sequence binding (CRS). May act as a hyaluronan (HA) transporter, either mediating its uptake for catabolism within lymphatic endothelial cells themselves, or its transport into the lumen of afferent lymphatic vessels for subsequent re-uptake and degradation in lymph nodes.

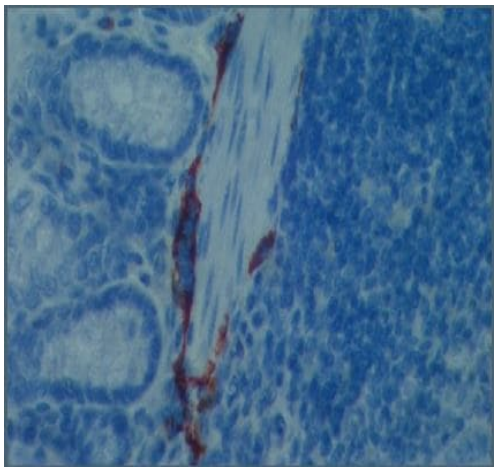
组织特异性 Mainly expressed in endothelial cells lining lymphatic vessels.

序列相似性 Contains 1 Link domain.

翻译后修饰 O-glycosylated.

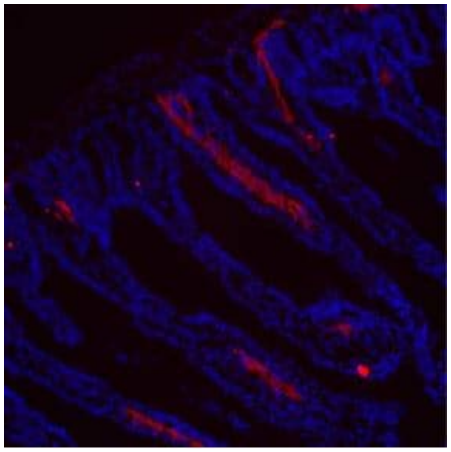
细胞定位 Membrane. Localized to the plasma membrane and in vesicles near extranuclear membranes which may represent trans-Golgi network (TGN) and endosomes/prelysosomeal compartments. Undergoes ligand-dependent internalization and recycling at the cell surface.

图片



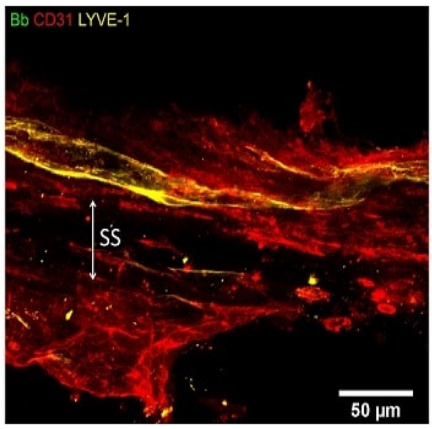
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYVE1 antibody - BSA and Azide free (ab14917)

Immunohistochemical analysis of paraffin-embedded mouse intestine tissue staining LYVE-1 with ab14917. Positive staining is shown in the lymphatic endothelial cells (red).



Immunocytochemistry - Anti-LYVE1 antibody - BSA and Azide free (ab14917)

Immunocytochemistry/immunofluorecent analysis of mouse colon tissue labelling LYVE-1 with ab14917 (red).

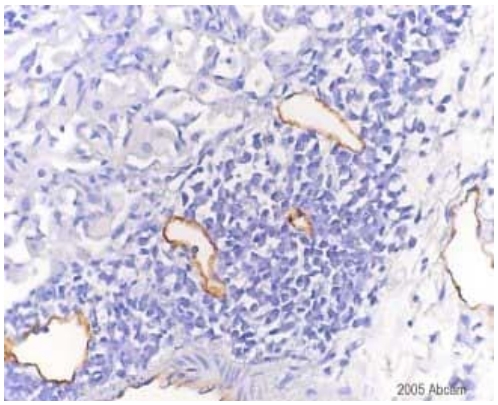


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYVE1 antibody - BSA and Azide free (ab14917)

At the time point of 75dpi spirochetes (Bb) were not observed in association with the lymphatic-like vessels (LYVE-1) that run parallel to the sagittal sinus (SS, arrow) of the dura mater.

Dura samples were collected from transcardially perfused mice by craniotomy and post-fixed in 4% paraformaldehyde for 24h at 4°C. Samples were permeabilized in 0.1% Triton X-100, washed 3 times, and serum-blocked in 2.5% goat serum/PBS containing 1:100 dilution of Fc block. For *B. burgdorferi* staining, each sample was incubated in 1:100 dilution of rat anti-mouse unconjugated monoclonal anti-CD31 IgG, and 1:50 dilution biotinylated rabbit anti-*B. burgdorferi* polyclonal IgG at 4°C overnight. On the following day, the samples were washed, and stained with 1:100 dilution of Alexa 555 goat anti-rat polyclonal IgG, and 1:200 dilution of Alexa 488 streptavidin for 1 hour at room temperature, covered from light. Secondary antibody-only controls for *B. burgdorferi* indirect fluorescent assay were performed *in vitro* and no fluorescence was observed.

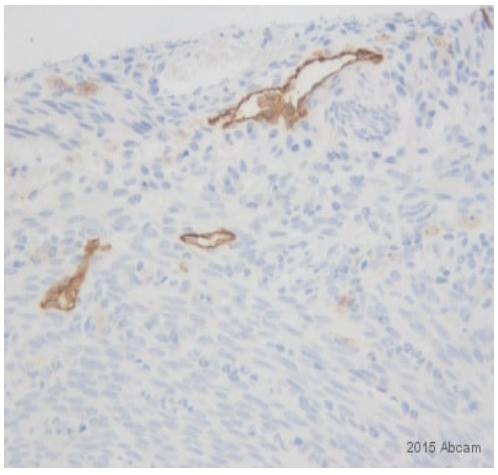
Some of the dura samples were also stained for lymphatic vessels in a separate step, using 1:200 ab14917, followed by washing and secondary staining with 1:200 Alexa 633 goat-anti rabbit polyclonal IgG (yellow).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYVE1 antibody - BSA and Azide free (ab14917)

This image is courtesy of an Abreview submitted by Elizabeth Chlipala on 18 November 2005.

ab14917 at a 1/100 dilution staining LYVE1 from mouse tuberculosis infected lung by immunohistochemistry (paraffin-embedded sections). The antibody was incubated with the tissue for 30 minutes and then detected with an HRP conjugated goat anti-rabbit antibody.

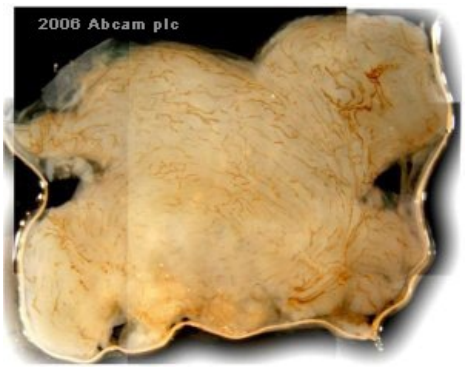


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYVE1 antibody - BSA and Azide free (ab14917)

Image is courtesy of an anonymous Abreview

ab14917 staining LYVE1 in mouse uterus tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections).

Tissue was fixed with formaldehyde and blocked with 3% serum for 30 minutes at 20°C; antigen retrieval was by heat mediation in a EDTA-buffer pH 9.0. Samples were incubated with primary antibody (1/50 in PBS) for 12 hours at 20°C. A biotin-conjugated Goat anti-rabbit polyclonal (1/200) was used as the secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYVE1 antibody - BSA and Azide free (ab14917)

This image is courtesy of an anonymous Abreview

ab14917 at 1/2000 dilution staining Ha-Ras transgenic mouse bladder (cancer) by Immunohistochemistry (Formalin-fixed paraffin-embedded sections). The tissue was formaldehyde fixed and blocked with serum prior to incubation with the primary antibody for 12 hours. A biotinylated polyclonal antibody was used as the secondary.

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