

LYVE1 Rabbit mAb

Catalog NO.: A27148 **Recombinant**

Basic Information

Observed MW

55-70kDa

Calculated MW

34kDa

Category

Monoclonal Antibodies

Applications

WB, IF-P, IHC-P, ELISA

Cross-Reactivity

Mouse, Rat

Conjugation

Unconjugated

Clone number

ARC71579

Background

Enables hyaluronic acid binding activity and transmembrane signaling receptor activity. Acts upstream of or within glycosaminoglycan catabolic process. Located in plasma membrane. Is expressed in several structures, including cardiovascular system; gut; hemolymphoid system; meninges; and metanephros. Orthologous to human LYVE1 (lymphatic vessel endothelial hyaluronan receptor 1).

Recommended Dilutions

WB 1:10000 - 1:20000

IF-P 1:200 - 1:800

IHC-P 1:2000 - 1:8000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
114332	Q8BHC0

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

Xlkd1; Lyve-1; Crsbp-1; 1200012G08Rik; Lyve1

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

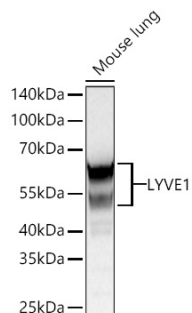
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from Mouse lung using LYVE1 Rabbit mAb (A27148) at 1:13000 dilution incubated overnight at 4°C.

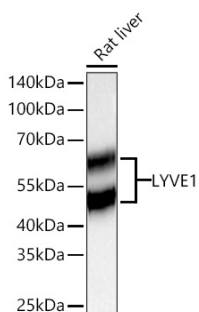
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Western blot analysis of lysates from Rat liver using LYVE1 Rabbit mAb (A27148) at 1:13000 dilution incubated overnight at 4°C.

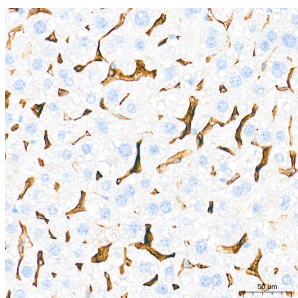
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

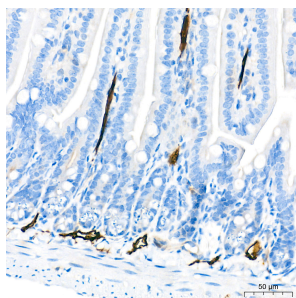
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

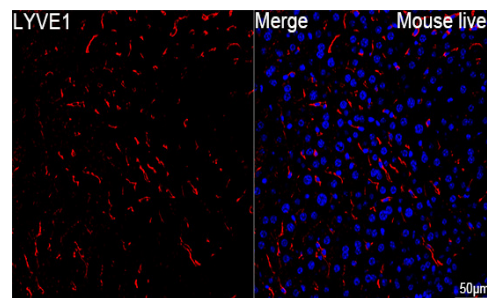
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using LYVE1 Rabbit mAb (A27148) at a dilution of 1:6000 (40x lens). High



Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using LYVE1 Rabbit mAb (A27148) at a dilution of 1:6000 (40x lens). High



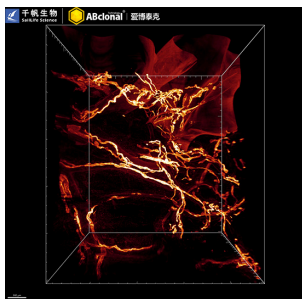
Confocal imaging of paraffin-embedded Mouse liver tissue using LYVE1 Rabbit mAb (A27148, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-

pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

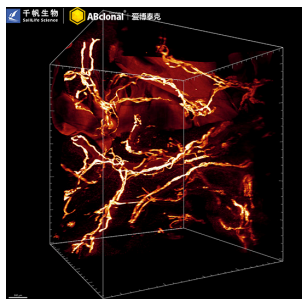
pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

Validation Data



3D imaging of solvent-cleared Mouse pancreas tissue using LYVE1 Rabbit mAb (A27148, dilution 1:200). SailClear Tissue Optical Clearing Kit(QF2601) was used for sample clearing. We acknowledge SailLife(Nanjing) Sci-Tech Co., Ltd. in 3D imaging processing and kindly providing this image.



3D imaging of solvent-cleared Mouse pancreas tissue using LYVE1 Rabbit mAb (A27148, dilution 1:200). SailClear Tissue Optical Clearing Kit(QF2601) was used for sample clearing. We acknowledge SailLife(Nanjing) Sci-Tech Co., Ltd. in 3D imaging processing and kindly providing this image.

