

## Anti-LYVE1 Rabbit Monoclonal Antibody

Catalog Number: M04027

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-LYVE1 Rabbit Monoclonal Antibody  |
| Reactive Species     | Human, Mouse, Rat  |
| Description          | Boster Bio Anti-LYVE1 Rabbit Monoclonal Antibody catalog # M04027. Tested in WB application. This antibody reacts with Human, Mouse, Rat.  |
| Application          | WB   |
| Clonality            | Monoclonal AOCO-12   |
| Formulation          | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host                 | Rabbit   |
| Uniprot ID           | Q9Y5Y7   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | A synthesized peptide derived from human LYVE1  |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.  |
| Purification        | Affinity-chromatography   |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.<br>Some PubMed article(s) citing the expression level of this target are as follows:<br>Boster Bio's internal QC testing used:<br>WB 1:500-1:2000 |

## Anti-LYVE1 Rabbit Monoclonal Antibody (M04027) Images

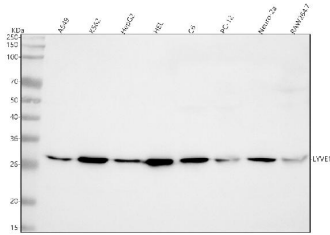


Figure 1. Western blot analysis of LYVE1 using anti-LYVE1 antibody (M04027).

Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human A549 whole cell lysates,  
Lane 2: human K562 whole cell lysates,  
Lane 3: human HepG2 whole cell lysates,  
Lane 4: human HEL whole cell lysates,  
Lane 5: rat C6 whole cell lysates,  
Lane 6: rat PC-12 whole cell lysates,  
Lane 7: mouse Neuro-2a whole cell lysates,  
Lane 8: mouse RAW264.7 whole cell lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-LYVE1 antigen affinity purified monoclonal antibody (Catalog # M04027) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for LYVE1 at approximately 29 kDa. The expected band size for LYVE1 is at 35 kDa.

## 1 Publications Citing This Product

1. PubMed ID: 16124044, Effect of Danshao Huaxian capsule on expression of matrix metalloproteinase-1 and tissue inhibitor of metalloproteinase-1 in fibrotic liver of rats

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