

## LAMP1 (V156) polyclonal antibody

Catalog: BS9207

Host: Rabbit

Reactivity: Human

### BackGround:

Lysosome-associated membrane proteins (LAMP) are glycosylated type I membrane proteins that play a role in the biogenesis of the pigment melanin. LAMP-1 (also designated CD107a) and LAMP-2 (also designated CD107b) are involved in a variety of functions, including cellular adhesion, and are thought to participate in the process of tumor invasion and metastasis. Newly synthesized LAMP-1 and LAMP-2 proteins are sorted at the trans-Golgi network and are transported intracellularly via a pathway that is distinct from the Clathrin-coated vesicles used for the mannose-6 phosphate receptor. LAMP-1 is expressed on the surface of Thrombin-activated but not resting platelets, and it is thought to be involved in the adhesive, prothrombic properties of these cells. Both LAMP-1 and LAMP-2 are involved in maintaining lysosome acidity and protecting the lysosomal membranes from autodigestion, and their expression is increased in patients with lysosomal storage disorders.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 125 kDa

### Swiss-Prot:

P11279

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is &gt; 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

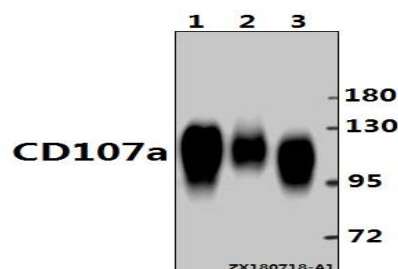
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

LAMP1 (V156) polyclonal antibody detects endogenous levels of LAMP1 protein.

### DATA:



Western blot (WB) analysis of LAMP1 (V156) polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate(10ug)

Lane2:L02 whole cell lysate(10ug)

Lane3:A549 whole cell lysate(10ug)

### Note:

For research use only, not for use in diagnostic procedure.

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