

## CD107b Recombinant antibody

**Cat:** B36267S

**Company:** HaoKebio

**Uniprot ID:** P17047-1

**Applications:** IHC:1:500-1:2000

**Organism:** Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:** Mouse

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 46 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 90-110 kDa

WB:1:5000-1:50000

### Background:

LAMP2 (CD107b) is a Lysosomal membrane glycoprotein. LAMP2 is extensively glycosylated with asparagine-linked oligosaccharides which protect it from intracellular proteolysis. Although LAMP-2 is localized primarily in the endosome-lysosomal membrane of cells, it is also found on the plasma membrane under certain circumstances, e.g., after platelet activation, during granulocytic differentiation and activation, and in some tumor cells. LAMP is involved in lysosomal stability and autophag. This glycoprotein provides selectins with carbohydrate ligands. LAMP2 may play a role in tumor cell metastasis.

### Synonyms:

CD107b, Lamp2, Mac3, Lamp 2, 241893A7

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

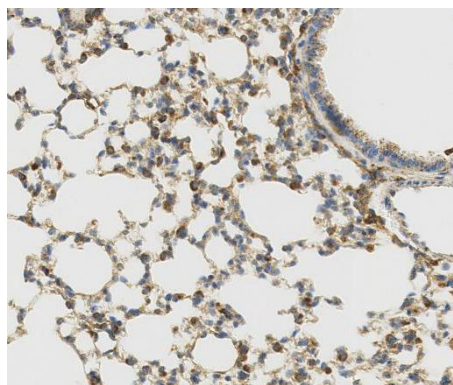
### Storage:

Store at -20 °C for one year.

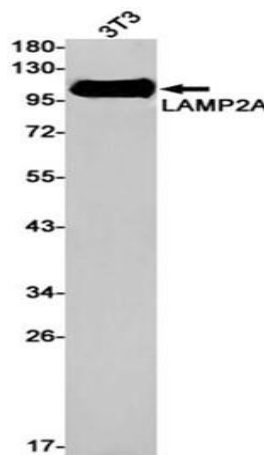
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse lung, 4% PFA 12-24h



Dilution of 1:10000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

发表[中文论文]请标注:CD107b(B36267S)由杭州浩克生物技术有限公司提供;

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kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.