

## LAMP2 Polyclonal Antibody

**CATALOG NO:** 3900-30T 30 µg (Trial size)  
3900-100 100 µg

**HOST:** Rabbit

**IMMUNOGEN:** Synthetic peptide surrounding amino acid 403 of rat LAMP2 (Internal ID# BV-B31).

**SPECIES REACTIVITY:** Human, Mouse, Rat

### FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**STORAGE CONDITIONS:** Store at -20°C. For long term storage, store at -70°C.

### DESCRIPTION:

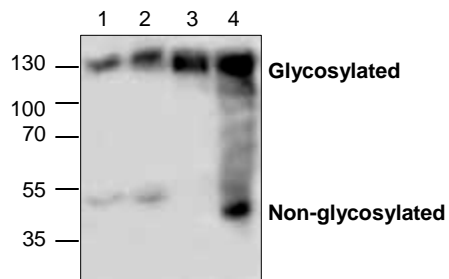
Lysosomal-associated membrane protein 2 (LAMP2) also known as CD107B (Cluster of Differentiation 107B) is a membrane glycoprotein. LAMP2 plays an important role in the normal function of lysosome which includes protecting lysosomal membrane from autodigestion, maintaining lysosome acidity, and lysosome cellular adhesion.

### SPECIFICITY:

The antibody recognizes ~45 kDa unglycosylated and a >120kDa glycosylated LAMP2 in samples from human, mouse and rat origins. Reactivity to other species has not been tested.

### APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3900BP-50) is available separately.



**Cat. #: 3900-100**  
Western blot analysis of LAMP2 in lysate from Jurkat cells (Lane 1 & 2), 3T3 cells (Lane 3) and rat kidney (Lane 4).

**FOR RESEARCH USE ONLY! Not to be used on humans.**

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