

LAMP2 Polyclonal Antibody

CATALOG #: 3900-100

AMOUNT: 100 µg

LOT #: _____

HOST: Rabbit

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

SPECIES REACTIVITY: Human, Mouse, Rat

FORMULATION:

100 µg (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:

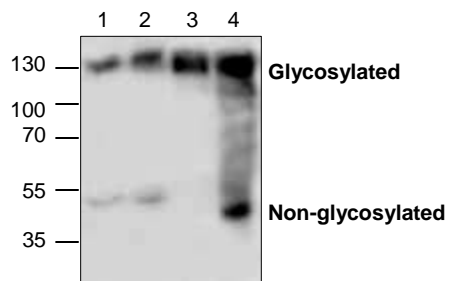
Lysosomal-associated membrane protein 2 (LAMP2) also known as CD107B (Cluster of Differentiation 107B) is a membrane glycoprotein. LAMP2 plays an important role in the normal function of lysosome which includes protecting lysosomal membrane from autodigestion, maintaining lysosome acidity, and lysosome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



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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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