

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD107b / LAMP2



Numéro de catalogue: **CL488-65052**

## Informations de base

Numéro de catalogue:

CL488-65052

Taille:

100tests , 5 µl/test

Hôte:

Rat

Isotype:

IgG2a, kappa

Numéro d'acquisition GenBank:

BC138718

Identification du gène (NCBI):

16784

Nom complet:

lysosomal-associated membrane protein 2

Méthode de purification:

Purification par affinité

CloneNo.:

ABL-93

Dilutions recommandées:

IF 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Applications testées:

FC (Intra), IF

Spécificité de l'espèce:

souris

Contrôles positifs:

IF : cellules NIH/3T3,

## Informations générales

LAMP2 (CD107b) is a Lysosomal membrane glycoprotein. LAMP2 is extensively glycosylated with asparagine-linked oligosaccharides which protect it from intracellular proteolysis (PMID: 10521503). 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 (PMID: 12221139). LAMP is involved in lysosomal stability and autophagy (PMID: 12221139). This glycoprotein provides selectins with carbohydrate ligands. LAMP2 may play a role in tumor cell metastasis (PMID 9426697).

## Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

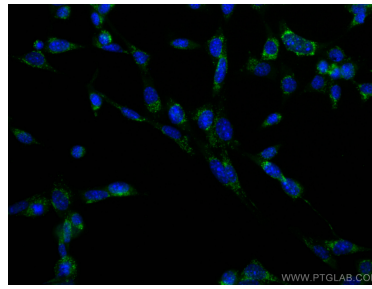
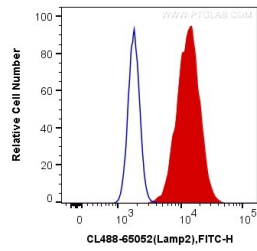
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## Données de validation sélectionnées



1X10<sup>6</sup> NIH/3T3 cells were intracellularly stained with 5  $\mu$ l CoraLite® Plus 488 Anti-Mouse CD107b (CL488-65052, Clone:ABL-93) (red), or Control Antibody. Cells were fixed with 4% PFA and permeabilized with Intracellular Staining Permeabilization Wash Buffer.

Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using CoraLite® Plus 488 CD107b antibody (CL488-65052, Clone: ABL-93 ) at dilution of 1:400.