

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD107b / LAMP2



Numéro de catalogue: **CL594-65053**

## Informations de base

Numéro de catalogue:

CL594-65053

Taille:

100tests , 5 µl/test

Hôte:

Mouse

Isotype:

IgG1, kappa

Numéro d'acquisition GenBank:

BC002965

Identification du gène (NCBI):

3920

Nom complet:

lysosomal-associated membrane  
protein 2

MW calculé

45 kDa

Méthode de purification:

Purification par protéine G

CloneNo.:

H4B4

Dilutions recommandées:

IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Applications testées:

FC (Intra), IF

Spécificité de l'espèce:

Humain

Contrôles positifs:

IF : cellules HeLa,

## 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.

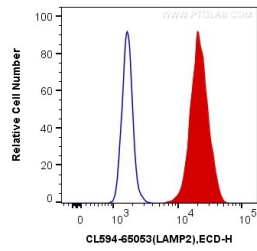
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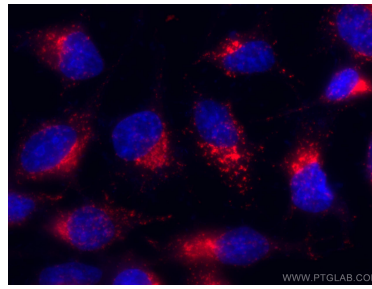
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## Données de validation sélectionnées



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 5  $\mu$ l CoraLite<sup>®</sup>594 Anti-Human CD107b (CL594-65053, Clone:H4B4) (red) or Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite<sup>®</sup>594-conjugated CD107b antibody (CL594-65053, Clone: H4B4) at dilution of 1:50.