

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD107b / LAMP2



Numéro de catalogue: 65052-1-Ig

1 Publications

Informations de base

Numéro de catalogue:

65052-1-Ig

Taille:

500ug, 0.5 mg/ml

Hôte:

Rat

Isotype:

IgG2a

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

Applications

Applications testées:

FC, IF

Demandes citées:

IF

Spécificité de l'espèce:

souris

Espèces citées:

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).

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|-------------|-----------|--------------|-------------|
| Dongming Lv | 37480849 | Cell Rep Med | IF |

Stockage

Stockage:

Store at 2-8°C. Stable for one year after shipment.

Tampon de stockage:

Solution saline tamponnée au borate, pH 8,2.

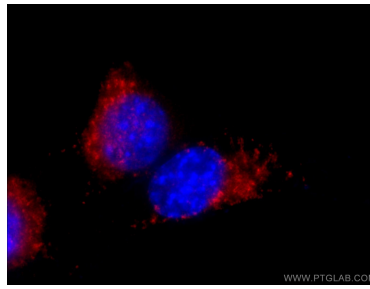
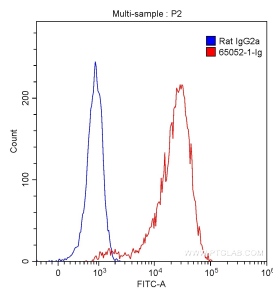
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Données de validation sélectionnées



1X10⁶ NIH/3T3 cells were intracellularly stained with 0.50 ug Anti-Mouse CD107b (65052-1-Ig, Clone: ABL-93) (red) or 0.50 ug isotype control antibody (blue), and Fluorescein (FITC)-conjugated Affinipure Goat Anti-Rat IgG(H+L) with dilution of 1:1000. Cells were fixed with 90% MeOH.

Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using 65052-1-Ig (CD107b antibody) at dilution of 1:100 and Rhodamine (TRITC)-conjugated Goat Anti-Rat IgG(H+L).