

Nur für Forschungszwecke

CD107b / LAMP2 Monoklonaler Antikörper

Katalog-Nr.: FITC-65053



Allgemeine Informationen

Katalog-Nr.: FITC-65053	GenBank-Zugangsnummer: BC002965	Reinigungsmethode: Affinitätsreinigung
Größe: 100tests , 5 µl/test	GeneID (NCBI): 3920	CloneNo.: H4B4
Wirt: Maus	Vollständiger Name: lysosomal-associated membrane protein 2	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG1, kappa	Berechnete Masse: 45 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 495 nm / 524 nm

Anwendungen

Geprüfte Anwendungen: FC, IF	Positivkontrollen: IF : HeLa-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

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).

Lagerung

Lagerungsbedingungen:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Lagerungspuffer:
PBS with 0.09% sodium azide and 0.5% BSA.

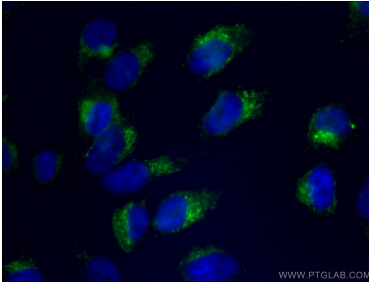
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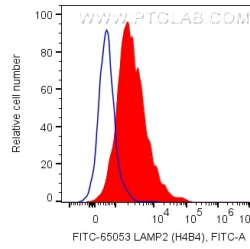
E: proteintech@ptglab.com
W: ptglab.com

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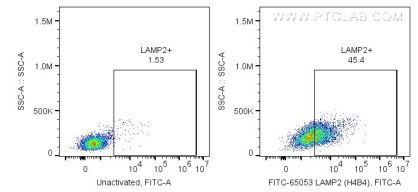
Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using FITC-65053 (CD107b antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ PHA-activated human PBMCs were surface stained with 5 ul FITC Plus Plus Anti-Human CD107b (FITC-65053, Clone: H4B4). Unactivated PBMCs were used as negative control. Cells were not fixed. Lymphocytes were gated.



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