

Nur für Forschungszwecke

CD107b / LAMP2 Monoklonaler Antikörper

Katalog-Nr.:65052-1-Ig



Allgemeine Informationen

Katalog-Nr.: 65052-1-Ig	GenBank-Zugangsnummer: BC138718	Reinigungsmethode: Affinitätsreinigung
Größe: 500ug, 0.5 mg/ml	GeneID (NCBI): 16784	CloneNo.: ABL-93
Wirt: Ratte	Vollständiger Name: lysosomal-associated membrane protein 2	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2a		

Anwendungen

Geprüfte Anwendungen: FC, IF	Positivkontrollen: IF : NIH/3T3-Zellen,
Getestete Reaktivität: Maus	

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. Stable for one year after shipment.
Lagerungspuffer:
Borat-gepufferte Kochsalzlösung, pH 8,2.

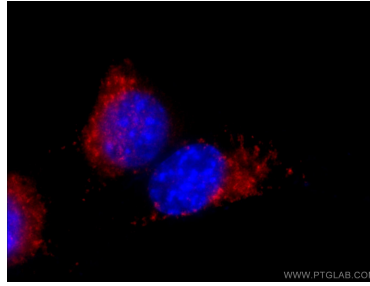
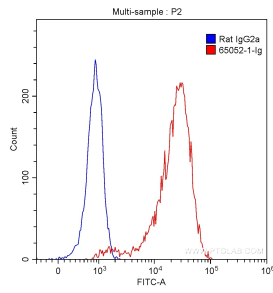
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



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).