

Product Datasheet

CD107b Antibody (PE) (orb154515)

Catalog Number	orb154515
Category	Antibodies
Description	Mouse monoclonal antibody conjugated to PE which recognizes CD107b that is also known as LAMP2, is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. LAMP2 is expressed in the membranes of intracellular granules that contain effector molecules such as perforin, granzymes, eicosanoids, and histamine. It may function in protection of the lysosomal membrane from autodigestion, maintenance of the acidic environment of the lysosome, adhesion.
Target	CD107b
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Conjugation	PE
Reactivity	Human
Buffer/Preservatives	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Immunogen	Human PBMC
UniProt ID	P13473
Tested applications	FC

Biorbyt Ltd.

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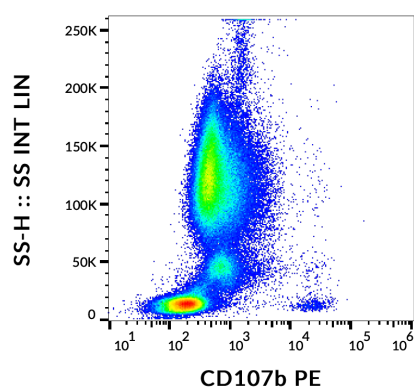
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Application notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. Intracellular and extracellular staining.
Specificity	The mouse monoclonal antibody H4B4 recognizes an extracellular/luminal epitope of CD107b / LAMP-2, an extensively glycosylated 100-120 kDa widely expressed lysosome-associated protein.
Antibody Type	Primary Antibody
Clone Number	H4B4
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	3920
Expiration Date	12 months from date of receipt.



Flow cytometry analysis (surface staining) of IgE-stimulated human peripheral blood with anti-CD107b (H4B4) PE.

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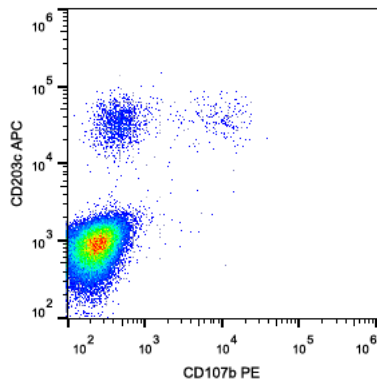
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