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30-2324: PE Conjugated, Anti-CD107b / LAMP-2 Monoclonal Antibody (Clone:H4B4)

Clonality :	Monoclonal
Clone Name :	H4B4
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	LAMP2
Gene ID :	3920
Uniprot ID :	P13473
Alternative Name :	LAMP2
Isotype :	Mouse IgG1
Immunogen Information :	Human PBMC

Description

CD107b (lysosome-associated membrane protein-2, LAMP-2), together with CD107a / LAMP-1, is a major constituent of lysosomal membrane. The LAMP proteins are involved in lysosome biogenesis and are required for fusion of lysosomes with phagosomes, especially CD107b is important regulator in successful phagosomal maturation. CD107b deficiency causes an accumulation of autophagosomes in many tissues leading to cardiomyopathy and myopathy (Danons disease). Immature CD107b is an approximately 45 kDa protein, but after extensive glycosylation the mature glycoprotein has about 100-120 kDa.

Product Info

Amount :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

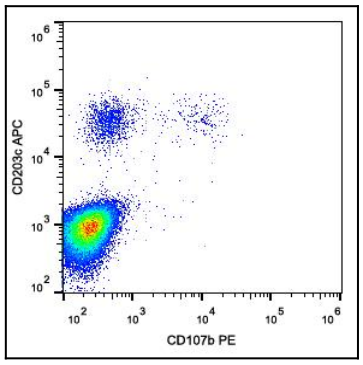


Figure 1: Surface staining of IgE-stimulated human peripheral blood with anti-CD107b (H4B4) PE.

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