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30-1035: Azide free, Anti-CD107a / LAMP-1 Monoclonal Antibody (Clone:H4A3)

Clonality :	Monoclonal
Clone Name :	H4A3
Application :	FACS
Reactivity :	Human
Gene :	LAMP1
Gene ID :	3916
Uniprot ID :	P11279
Alternative Name :	LAMP1
Isotype :	Mouse IgG1
Immunogen Information :	Human PBMC

Description

CD107a (lysosome-associated membrane protein-1, LAMP-1), together with LAMP-2, is a major constituent of lysosomal membrane, 1-2% of total CD107a is found also on the plasma membrane. The LAMP proteins are involved in lysosome biogenesis and are required for fusion of lysosomes with phagosomes. Increased CD107a immunoreactivity is observed in neurones, and in glial cells surrounding senile plaques in Alzheimers disease cases and is localized mainly in medullary epithelial cells, single macrophages and lymphocytes in acute thymic involution. CD107a is a good marker of mast cell activation.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Western Blotting *Recommended dilution:*1 µg/ml
Immunohistochemistry Immunohistochemistry (frozen sections) Immunocytochemistry

For Research Use Only. Not for use in diagnostic/therapeutics procedures.