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10-4198: Anti-mCD63 Monoclonal Antibody (Clone: ABM58E4)

Clonality :	Monoclonal
Clone Name :	ABM58E4
Reactivity :	Mouse
Gene :	Cd63
Gene ID :	12512
Uniprot ID :	P41731
Format :	Purified
Alternative Name :	CD63
Isotype :	Rat IgG2a, Lamda
Immunogen Information :	A partial length recombinant mCD63 protein (amino acids 70-225) was used as the immunogen for this antibody.

Description

CD63 (LAMP-3, lysosome-associated membrane protein-3), a glycoprotein of tetraspanin family, is present in late endosomes, lysosomes and secretory vesicles of various cell types. It is also present in the plasma membrane, usually following cell activation. Hence, it has become an widely used basophil activation marker. In mast cells, however, CD63 exposition does not need their activation. CD63 interacts with integrins and affects phagocytosis and cell migration, it is also involved in H/K-ATPase trafficking regulation of ROMK1 channels. CD63 also serves as a T-cell costimulation molecule. Expression of CD63 can be used for predicting the prognosis in earlier stages of carcinomas.

Product Info

Amount :	100 µg
Purification :	Purified by protein-G chromatography
Content :	100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

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