

Product datasheet MON9000F

MONOSAN[®]

Mouse anti-CD63 FITC, clone MEM-259 (Monoclonal)

Clone no. MEM-259

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Product name	Mouse anti-CD63 FITC, clone MEM-259 (Monoclonal)
Host	Mouse
Applications	FC
Species reactivity	Human
Conjugate	FITC
Immunogen	HPB-ALL T cell line
Isotype	IgG1
Clonality	Monoclonal
Clone number	MEM-259
Size	100 tests
Concentration	n/a
Format	-
Storage buffer	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

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.

References	1.	-
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