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30-1989: Anti-CD63 Monoclonal Antibody (Clone:MEM-259)-FITC Conjugated

Clonality: Monoclonal Clone Name: MEM-259

Application: FACS, IP, IHC, ICC

 Reactivity :
 Human

 Conjugate :
 FITC

 Gene :
 CD63

 Gene ID :
 967

 Uniprot ID :
 P08962

Alternative Name: CD63,MLA1,TSPAN30

Isotype: Mouse IgG1

Immunogen Information: HPB-ALL T cell line

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 tests

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

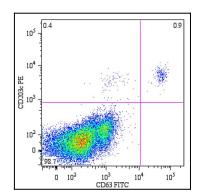


Figure 1: Flow cytometry analysis of peripheral blood lymphocytes from a patient with allergy to bee venom after stimulation with bee venom, stained with anti-human CD63 (MEM-259) FITC.