

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-259
<b>Application :</b>	FACS, IP, IHC, ICC
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	FITC
<b>Gene :</b>	CD63
<b>Gene ID :</b>	967
<b>Uniprot ID :</b>	P08962
<b>Alternative Name :</b>	CD63,MLA1,TSPAN30
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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 a 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

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

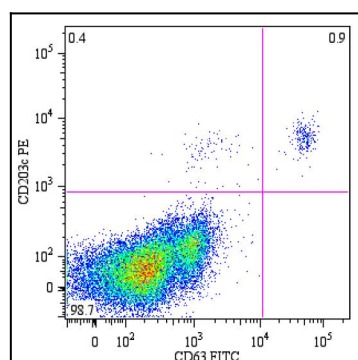


Figure 1: Flow cytometry analysis of peripheral blood lymphocytes from a patient with allergy to bee venom after stimulation with bee venom, stained with anti-human CD63 (MEM-259) FITC.