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30-2433: Anti-CD63 Monoclonal Antibody (Clone:MEM-259)-PerCP Conjugated

Clonality :	Monoclonal
Clone Name :	MEM-259
Application :	FACS, IP, IHC, ICC
Reactivity :	Human
Conjugate :	PerCP
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.

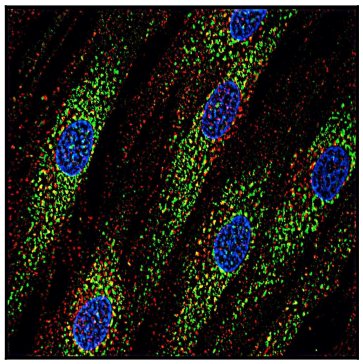


Figure 1: Immunofluorescence staining of human skin fibroblasts with anti-CD63 (MEM-259; green) after co-incubation of living cells with human Transferrin - Dyomics 547 (); cell nuclei stained with DAPI (blue).

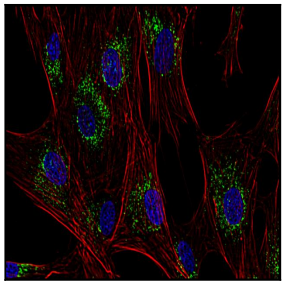


Figure 2: Immunofluorescence staining of CD63 in human primary fibroblasts using anti-CD63 (MEM-259; green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).

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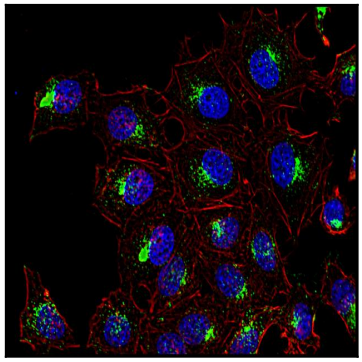


Figure 3: Immunofluorescence staining of CD63 in human HeLa cell line using anti-CD63 (MEM-259; green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).

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