

DATASHEET

CD63 Mouse Monoclonal Antibody(H5C6)

CAT. NO. AMA03789

KEY FEATURES

| | | | |
|---------------|--|---------------|--------------|
| Target | CD63 | Source / Host | Mouse |
| Reactivity | Human | Clonality | Monoclonal |
| Applications | IF/ICC, FC | Conjugation | Unconjugated |
| Form / Buffer | Mouse IgG1. Liquid in PBS, pH 7.3, and 0.02% sodium azide. | Storage | at-20°C |

BACKGROUND

Functions as a cell surface receptor for TIMP1 and plays a role in the activation of cellular signaling cascades. Plays a role in the activation of ITGB1 and integrin signaling, leading to the activation of AKT, FAK/PTK2 and MAP kinases. Promotes cell survival, reorganization of the actin cytoskeleton, cell adhesion, spreading and migration, via its role in the activation of AKT and FAK/PTK2. Plays a role in VEGFA signaling via its role in regulating the internalization of KDR/VEGFR2. Plays a role in intracellular vesicular transport processes, and is required for normal trafficking of the PMEL luminal domain that is essential for the development and maturation of melanocytes.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|--------|----------------|
| IF/ICC | 1:50 - 1:200 |
| FC | 1:500 - 1:2000 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

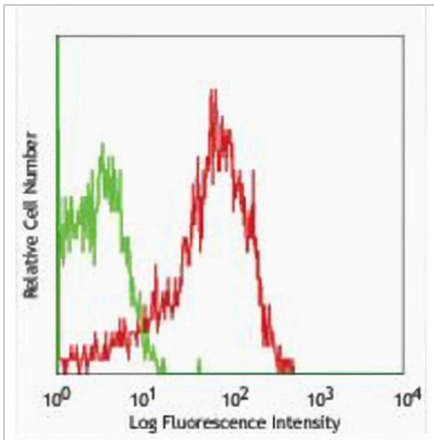
| | |
|-------------------|---|
| Description | Mouse monoclonal antibody to CD63 |
| Specificity | Recognizes human CD63 |
| Antibody Type | Primary antibody |
| Immunogen | Native purified human CD63. |
| Purification | The antibody was purified by affinity chromatography. |
| Form/Buffer | Mouse IgG1. Liquid in PBS, pH 7.3, and 0.02% sodium azide. |
| Alternative Names | MLA1; TSPAN30; CD63 antigen; Granulophysin; Lysosomal-associated membrane protein 3; LAMP-3; Melanoma-associated antigen ME491; OMA81H; Ocular melanoma-associated antigen; Tetraspanin-30; Tspan-30; CD antigen CD63 |
| Gene Symbol | CD63 |
| Entrez Gene | 967(Human) |
| SwissProt | P08962(Human) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Flow cytometric analysis of human platelets using Anti-CD63 Antibody, followed by anti-mouse IgG PE.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.