

(90 × 190mm Size)

FUJIFILM

Wako

Code No. 018-27641 (25 tests)
014-27643 (100 tests)

**Anti CD63, Monoclonal Antibody (3-13),
Fluorescein Conjugated**
**抗 CD63, モノクローナル抗体 (3-13),
フルオレセイン結合**

Anti human CD63 (lysosome-associated membrane glycoprotein 3 : LAMP3) mouse monoclonal antibody was produced by hybridoma, clone number : 3-13. CD63 is the four-transmembrane protein and is used for the marker protein for activated platelet. In addition, it is also present in monocytes and macrophages and is weakly expressed in granulocytes, B, and T cells.

Recently, CD63 is also used for a marker protein for extracellular vesicles, which contain proteins, DNA, mRNA, microRNAs and are expected as a novel biomarker.

This product is antibody conjugated fluorescein to Anti CD63, Monoclonal Antibody (3-13).

This product is intended for laboratory use only.

[Formulation]

1 × TBS aqueous solution with Tween 20, the stabilizer, and the preservative.

[Clone No.]

3-13

[Cross Reactivity]

Human CD63

Note : This antibody doesn't recognize the mouse, rat, and bovine CD63.

[Subclass]

IgG1

[Spectral Property]

Excitation : 494 nm, Emission : 521 nm

[Application]

Flow cytometric analysis of exosomes: 10 μL (1 test) product for 33 μL ~ culture supernatant/biofluids is recommended for the exosome flow cytometry using PS Capture™ Exosome Flow Cytometry Kit.

(Note) The particle size of exosome is too small to detect directly by Flow Cytometry. To detect exosome, it should be captured by affinity beads for exosome marker. When using Anti CD63, Monoclonal Antibody (3-13), Fluorescein conjugated, please use with the

exosome capture beads.

Please optimize the most appropriate concentration for your analysis and samples.

Flow cytometric analysis of cells : 10 μL (1 test) product for 1 × 10⁶ cells

[Storage]

Store in the dark at 2 ~ 10 °C.

[Package]

Code No.	Package Size
018-27641	25 tests
014-27643	100 tests

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