



**MONOCLONAL ANTIBODY**

*For research use only, Not for diagnostic use.*

**Catalog No. SHI-EXO-M02-TF2**

**Anti CD63 [ Clone : 8A12]**

**BACKGROUND**

CD63 (also known as LAMP-3, Melanoma-associated antigen ME491, TSPAN30, MLA1 and OMA81H) is a cell surface glycoprotein which belongs to the tetraspanin superfamily. CD63 is known to complex with integrins. CD63 is expressed on activated platelets, monocytes and macrophages, and is weakly expressed on granulocytes, T cell and B cells.

|                         |  |
|-------------------------|--|
| <b>Product type</b>     | Primary antibody   |
| <b>Immunogen</b>        | Human CD63 (a.a. 104-202)  |
| <b>Raised in</b>        | Mouse  |
| <b>Myeloma</b>          | -  |
| <b>Clone number</b>     | 8A12   |
| <b>Isotype</b>          | IgG2a  |
| <b>Source</b>           | Culture supernatant  |
| <b>Purification</b>     | Affinity purified by Protein G   |
| <b>Buffer</b>           | Phosphate buffered saline containing 0.1% NaN <sub>3</sub> as a preservative |
| <b>Concentration</b>    | 1 mg / mL  |
| <b>Volume</b>           | 100 ul   |
| <b>Label</b>            | Tide Fluor™ 2WS Ex:502nm, Em :525nm  |
| <b>Specificity</b>      | Human CD63   |
| <b>Cross reactivity</b> | Human. Other species is not tested.  |
| <b>Storage</b>          | Store below - 40°C<br>Aliquot to avoid cycles of freeze/thaw.                |

**RELATED PRODUCTS:**

| Product Name                         | Application     | Quantity | Maker | Cat#        |
|--------------------------------------|-----------------|----------|-------|-------------|
| Anti CD9 (12A12) Monoclonal Antibody | WB / IP / ELISA | 100 ug   | CAC   | SHI-EXO-M01 |
| Anti CD63 (8A12) Monoclonal Antibody | WB / IP         | 100 ug   | CAC   | SHI-EXO-M02 |
| Anti CD81 (12C4) Monoclonal Antibody | WB / IP         | 100 ug   | CAC   | SHI-EXO-M03 |

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