



COSMO BIO CO., LTD.

PRODUCT DATA SHEET

Product: Anti-CD63, Clone MEM-259

Cat. No.: MC-238 (0.1 ml)

Specificity:

The antibody reacts with CD63 antigen (Melanoma 1 antigen), a glycoprotein of 40-60 kDa belonging to tetraspans family (TM4SF). CD63 is intracellular lysosomal/endosomal/granule protein that is translocated to cell surface upon activation of platelets, endothelial cells, and granulocytes (activation marker). CD63 is also expressed on monocytes/macrophages and endothelium. Its cellular function has not been exactly elucidated. CD63 is thought to be associated with the early stages of melanoma tumor progression (in regulation of motility and adhesion of melanoma cells).

Ig Isotype: Mouse IgG₁

Format:

0.1 ml at 1 mg/ml in PBS pH 7.4 with 15 mM sodium azide.

Storage and Stability:

Stable at 4°C for short term and at -20°C for long term. Aliquot to avoid repeated freeze/thaw cycles.

Applications and Suggested Dilutions:

- Immunoprecipitation
- Western blotting: non-reducing conditions.
- Flow Cytometry: For detection of activated platelets, neutrophils and basophils.

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.



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