

Human CD63
Clone MEM-259
Cat. No. MNS-MON 9000

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).

Immunoglobulin type

Mouse IgG₁

Use

The antibody can be used for Flow Cytometry, detection of activated platelets, neutrophils and basophils. It can also be used for immunoprecipitation and Western blotting under non-reducing conditions.

Presentation

0.1 ml (1 mg/ml) in solution.

Storage buffer: Phosphate buffered saline with 15mM sodium azide, pH 7.4.

Storage and Handling

Product should be stored at 4°C for 6 months. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

FOR RESEARCH ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.