

**anti-human CD63 PE-conjugated****Cat-No.: H12204P**      **1 ml****Clone:** MEM-259**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).

**Isotype subclass:** Mouse IgG1**Form:**

The purified antibody is conjugated with R-Phycoerythrin (R-PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.

**Physical state:** Liquid**Buffer/Additives/Preservative:** PBS containing BSA and 15 mM sodium azide (pH 7.4).**Expiration date:** The reagent is stable until the expiry date stated on the vial label.**Storage conditions:** Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.**Application:** The reagent is designed for Flow Cytometry analysis.**References:**

Horejsi V. et al., Folia Biol. (Praha) 32, 12 (1986).  
Leucocyte Typing IV. Knapp W. et al. (Eds.), Oxford University Press (1989).  
Leucocyte Typing V. Schlossmann S. et al. (Eds.), Oxford University Press (1995).

**Warning:**

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

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