



PRODUCT DATA SHEET

Article #: **HBM-CD63-###**
Antibody: **Mouse Monoclonal
Anti-Human CD63**
Size: **50 µg or 100 µg**

Isotype:	Mouse IgG1
Specificity:	Anti-CD63 recognizes an extracellular fragment of CD63, a 56-kilodalton (kDa), type III lysosomal glycoprotein, belonging to the tetraspanin family. CD63 is expressed by egranulocytes, platelets, T-cells, monocytes/macrophages, endothelial cells. CD63 protein is also expressed in exosome membrane. Cell surface exposition of CD63 is usually activation dependend. CD63 interacts with integrins and affects phagocytosis and cell migration, it is also involved in H/K ATPase trafficking regulation of ROMK1 channels. CD63 also serves as a T-cell costimulation molecule. Expression of CD63 can be used for predicting the prognosis in earlier stages of carcinomas.
Immunogen:	T-cell line HRB-ALL
Species reactivity:	Human
Applications:	ELISA Immunohistochemistry-frozen Immunohistochemistry-formalin (antigen retrieval required) Western Blotting Flow cytometry (FACS)
Recommended dilutions:	Recommended antibody dilutions: ELISA (1/500), FACS (1/200). Western Blotting (1/1000), by using not reducing conditions . Since applications vary, each investigator should titrate the reagent to obtain optimal results.
Purity:	>95%, purified from tissue culture supernatant or ascites by protein-A affinity chromatography
Concentration:	1,0 mg/ml
Storage buffer:	Phosphate buffered saline (PSB) with 15 mM sodium azide, Approx. pH 7.4
Storage conditions:	Store undiluted at 4° C. Do not freeze!
Expiration:	See vial label. Do not use after expiration date stamped on vial label.
Lot number:	See vial label.
Product notes:	Antibody is routinely tested by flow cytometric analysis. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

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