



PRODUCT DATA SHEET

Article #: **HBM-CD81-xx**
Antibody: **Mouse Monoclonal
Anti-Human CD81**
Size: **50 µg or 100 µg**

Isotype:	Mouse IgG1
Specificity:	The antibody M38 reacts with CD81, a 25 kDa member of the tetraspanin family expressed on majority of cell and exosome membranes.
Immunogen:	MOLT-4 (human T-ALL cell line)
Species reactivity:	Human, Feline (Cat), Rabbit
Applications:	ELISA Immunoprecipitation Immunohistochemistry (parafine sections) Western Blotting Flow cytometry (FACS)
Recommended dilutions:	Recommended antibody dilutions: ELISA (1/500), FACS (1/200). Western Blotting (1/500), by using not reducing conditions . Since applications vary, each investigator should titrate the reagent to obtain optimal results.
Purity:	>95%, purified from hybridoma culture supernatant by protein-A affinity chromatography
Concentration:	1,0 mg/mL
Storage buffer:	Phosphate buffered saline (PSB) with 15mM sodium azide, Approx. pH7.4
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:	CD81 (TAPA1), a member of the tetraspanin family, is expressed on virtually all nucleated cells, but above all on germinal center B cells. CD81 forms complexes with other tetraspanin proteins, intergrins, coreceptors. In muscles CD81 promotes cell fusion and myotube maintenance. CD81 has been also identified as a receptor for the hepatitis C virus. 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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