

Anti-human CD81 Antibody Biotin Conjugated

Alternate names: TAPA-1 (target of an antiproliferative antibody)

Catalog No.: RGAB106-###

Amount: 50/100 µg

Host: Mouse

Isotype: Mouse IgG1, κ

Clonality: Mouse Monoclonal Biotin Conjugated

Immunogen: Human OCI-LY8 cell line

Purification: Protein A affinity chromatography

Molecular Weight: 26 kDa

Form: Liquid

Formulation: 0.5 mg/ml in Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Species Reactivity: Human

Storage Conditions: Store at 2-8°C. DO NOT FREEZE!

Description: CD81 is a 26 kD non-glycosylated member of the tetraspanin superfamily (TM4SF). CD81 is expressed on T and B cells, NK cells, monocytes, dendritic cells, thymocytes, endothelial cells, and fibroblasts. It also has low levels of expression on granulocytes. CD81 induces B cell adhesion via VLA-4 integrin and has been shown to play a role in early T cell development. CD81 associates with several other cell-surface proteins in a multimolecular complex, including CD19, CD21, CD20, CD37, CD53, and CD82 in B cells, and CD4, CD8, and CD82 in T cells. CD81 is frequently expressed on exosome membranes used to characterize exosome populations from a variety of body fluids.

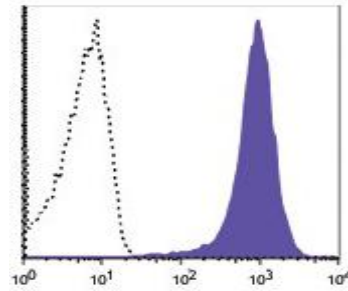
Applications:

ELISA: 1:1000 (Detection)

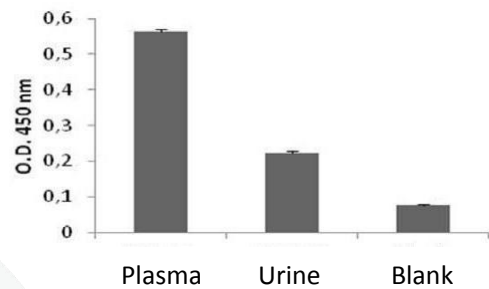
FACS: 1:100

IF: 1:100

NOTE: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Detection of CD81 by FACS. CD81 staining of human plasma purified exosomes.



Detection of CD81 on exosomes by ELISA.

CD81 detection in purified exosomes from human plasma and urine.

RELATED PRODUCTS:

Purified Anti-human CD81 Antibody (Cat. No. RGAB105-###)

Other exosome specific antibodies (Cat. No. RGAB100-50 to Cat. No. 120-100)

FOR RESEARCH USE ONLY! Not to be used on humans.