

Purified Anti-human CD81 Antibody

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

Catalog No.: RGAB105-###

Amount: 50/100 µg

Host: Mouse

Clone: 5A6

Isotype: Mouse IgG1, κ

Clonality: Mouse Monoclonal Unconjugated

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: 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

Western Blot: 1:250-1:1000

FACS: 1:100

IF: 1:100

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

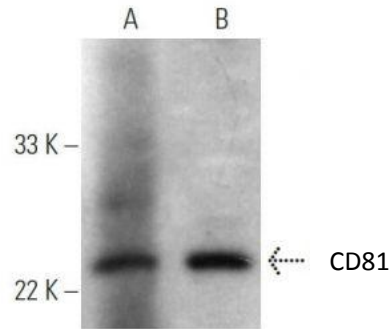


图 1. Detection of CD81 by Western Blot

A. NIH/3T3 cells lysate

B. NIH/3T3 cells purified exosomes

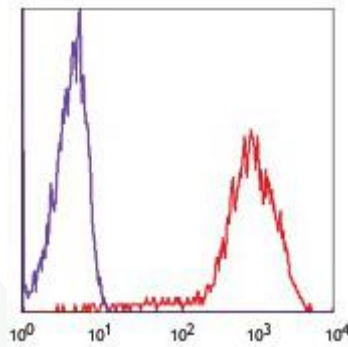


图 2. Detection of CD81 by FACS.

CD81 staining of human plasma purified exosomes.

RELATED PRODUCTS

Anti-human CD81 Biotin Conjugated 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.