

Datasheet for ABIN6253108
anti-CD81 antibody (APC)



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2 Images

Overview

Quantity:	100 tests
Target:	CD81
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD81 antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD81 APC Antibody
Immunogen:	5A6 aggregated OCI-Ly8 human B cell line
Clone:	1D6
Isotype:	IgG1, kappa
Characteristics:	The clone 1D6 recognizes 26 kDa surface antigen protein characterized as CD81. It is also known as TAPA-1 which is a member of the tetraspanin family. CD81 is widely expressed on various immune cells such as T and B cells, NK cells, monocytes, dendritic cells, thymocytes, endothelial cells, and fibroblasts. The 1D6 clone is considered as a potent immune agent that induces homotypic adhesion and has powerful anti-proliferative effects
Purification:	Purified
Purity:	>95 %

Product Details

Grade: GMP Grade

Target Details

Target: CD81

Alternative Name: CD81 ([CD81 Products](#))

UniProt: [P60033](#)

Pathways: [Inositol Metabolic Process](#), [Hepatitis C](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

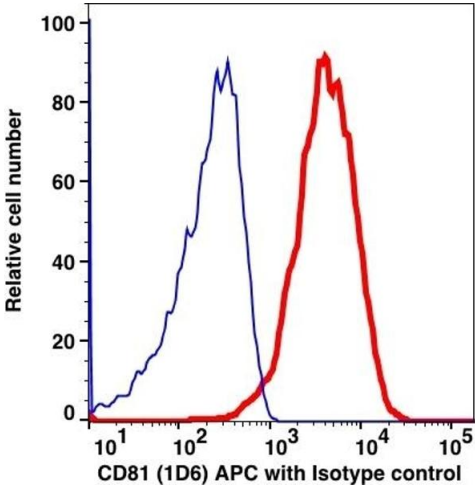
Buffer: PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

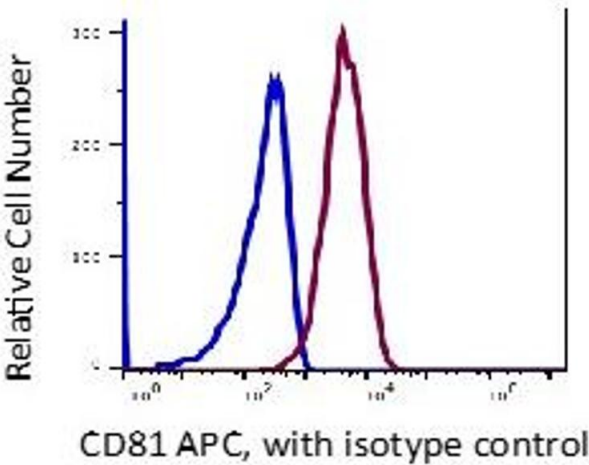
Storage: 4 °C

Storage Comment: 2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1.



Flow Cytometry

Image 2. Lymphocytes gated PBMCs stained with APC conjugated anti-human CD81 (clone ID6) (red histogram). Lymphocytes gated PBMCs stained with APC conjugated mouse IgG1 (clone MOPC-31) isotype control (Blue histogram). The data are generated by BD Accuri C6 Flow Cytometer and analyzed by FlowJo software.