Datasheet for ABIN7013972

anti-CDCP1 antibody (APC)

1 Image

Go to Product page

Overview

Quantity:	100 tests
Target:	CDCP1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDCP1 antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu CD318 APC
Immunogen:	NIH-3T3/CD318 cells
Clone:	CUB1
Isotype:	IgG2b
Specificity:	The mouse monoclonal antibody CUB1 recognizes an extracellular epitope of CD318, a type I transmembrane protein involved in early hematopoiesis.
Purification:	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	CDCP1

Target Details

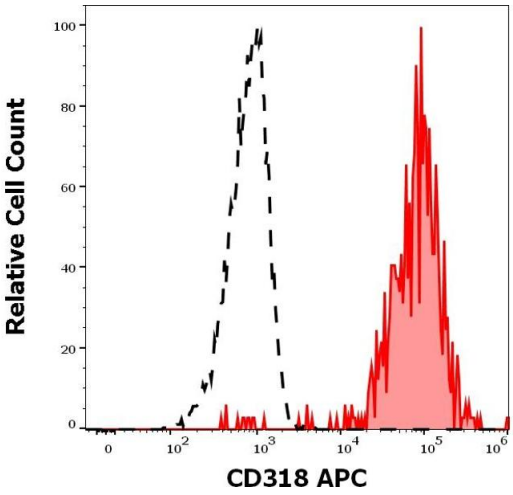
Alternative Name:	CD318 (CDCP1 Products)
Background:	CUB domain containing protein 1,CD318 (CUB domain containing protein 1) is a complement domains-containing transmembrane glycoprotein, which takes part in early hematopoiesis. It is expressed on CD34+CD133+ bone marrow cells, keratinocytes, and in human colorectal and breast cancers. It is being used as a marker of mesenchymal stem-like cells, neural progenitor cells, and also as an independent marker for the diagnosis of myeloid leukemias.,CDCP1, SIMA135, TRASK
Gene ID:	64866
UniProt:	Q9H5V8

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

Handling

Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM 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:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



Flow Cytometry

Image 1. Separation of HT-29 cells (red-filled) from human peripheral whole blood cells (black-dashed) in flow cytometry analysis (surface staining) stained using anti-human CD318 (CUB1) APC antibody(10 µL reagent per milion cells in 100 µL of cell suspension).