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30-2588: Anti-Human CD318 FITC (Clone: CUB1)

Clonality: Monoclonal

Clone Name: CUB1
Application: FACS
Reactivity: Human
Conjugate: FITC
Gene: CDCP1
Gene ID: 64866

Alternative Name: CDCP1, SIMA135, TRASK,CUB domain containing protein 1

Isotype: Mouse IgG2b

Immunogen Information: NIH-3T3/CD318 cells

Description

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.

Specificity: The mouse monoclonal antibody CUB1 recognizes an extracellular epitope of CD318, a type I transmembrane protein involved in early hematopoiesis.

Product Info

Amount: 0.1 mg

Purification : The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum

conditions. The conjugate is purified by size-exclusion chromatography.

0.1 mg/ml

Content: Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide

Storage condition: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

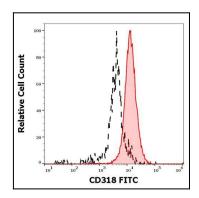


Figure 1 : Separation of HT-29 cells stained using anti-human CD318 (CUB1) FITC antibody (concentration in sample 5 μ g/ml, red-filled) from HT-29 cells stained using mouse IgG2b isotype control (MPC-11) FITC antibody (concentration in sample 5 μ g/ml, same as CD318 FITC concentration, black-dashed) in flow cytometry analysis (surface staining) of HT-29 cell suspension.