

CD43 (AB1241) mouse mAb

W0281

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 40 kDa (calculated)
- 90 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1241

Immunogen A synthetic peptide corresponding to the amino acid region 300 - 400 of the human CD43 protein.

Specificity The antibody can specifically recognize human CD43 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name SPN

Protein Name CD43

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P16150	6693

Background CD43 is a transmembrane protein related to T cell immune function. It mainly marks T cells and is expressed in normal T lymphocytes, macrophages, myelocytes and plasma cells, but not in normal B cells or reactive B cells. It is expressed in all of the extramedullary myeloma and granulocytic sarcoma, most of the T-lymphocytic lymphoma, acute T-lymphocytic leukemia and acute B-lymphocytic leukemia, some of the low-grade B-cell lymphoma and anaplastic large cell lymphoma.