

CD7 (AB1243) mouse mAb

W0291

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 25 kDa (calculated)
- 37 kDa (observed)

Isotype

- IgG2a, 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 AB1243

Immunogen A synthetic peptide corresponding to the amino acid region 1 - 100 of the human CD7 protein.

Specificity The antibody can specifically recognize human CD7 protein . In western blotting of Jurkat cell lysate, there shows a 37 kDa band detected by the antibody.

Purification Affinity purification Protein A

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

Target Information

Gene name CD7

Protein Name CD7

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P09564	924

Background CD7 is a member of immunoglobulin superfamily and one of the markers of early T cell line cells in thymus. It is expressed in thymocytes, T cells, NK cells, lymphoid and myeloid cell precursors. It is mainly used for the study of lymphohematopoietic diseases. CD7 can be used to identify primitive T-cell tumors such as lymphoblastic leukemia.