

CD5 (AB1508) mouse mAb

W0286

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 55 kDa (calculated)
- 65 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 AB1508

Immunogen A synthetic peptide corresponding to the amino acid region 200 - 300 of the human CD5 protein.

Specificity The antibody can specifically recognize human CD5 protein. In western blotting of Jurkat cell lysate, the antibody can label a 55 kDa band corresponding to CD5.

Purification Affinity purification Protein A

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

Target Information

Gene name CD5

Protein Name CD5

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P06127	921

Background CD5 is a 67 kDa transmembrane glycoprotein expressed on the surface of T cells, and its intensity increases with the maturation of T cells. CD5 is also expressed in B cells in normal human peripheral blood and lymph node mantle cells. CD5 is detected in most T-cell lymphomas and leukaemias. It is mainly used for the auxiliary diagnosis of T-cell leukemia and T-cell lymphoma. It can also be used to distinguish thymic cancer from other adenocarcinoma.