

ZAP-70 (AB1388) mouse mAb

W0411

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- IHC; WB; IF; ELISA

MW

- 70 kDa (calculated)
- 70 kDa (observed)

Isotype

- IgG1, 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 AB1388

Immunogen A synthetic peptide corresponding to the amino acid region 550 - 619 of the human ZAP - 70 protein.

Specificity The antibody can specifically recognize human ZAP-70 protein. In western blotting of Jurkat cell lysate, the antibody can label a 70 kDa band corresponding to ZAP-70.

Purification Affinity purification Protein A

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

Target Information

Gene name ZAP70

Protein Name ZAP-70

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P43403	7535

Background ZAP-70 is a 70 kDa tyrosine protein kinase. It belongs to the Syk family. It is expressed in T cells and NK cells, but not in most normal mature B cells. It is involved in the activation of T cell receptors. The expression of ZAP-70 is related to the mutation status, disease progression and prognosis of Ig heavy chain variable region gene in patients with chronic lymphocytic leukemia, which can be used to judge the prognosis of CLL.