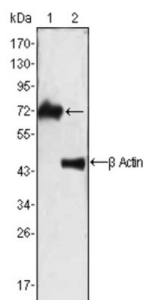
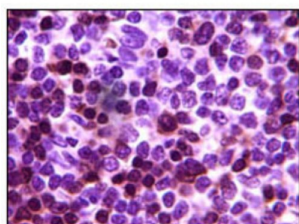


## Tyrosine-Protein Kinase ZAP-70 (ZAP70) Antibody

Catalogue No.: abx016023



Western blot analysis using ZAP70 antibody against Jurkat cell lysate (1).



Immunohistochemical analysis of paraffin-embedded human lymph tumor, showing cytoplasmic localization using ZAP70 antibody with DAB staining.

ZAP70 (zeta-chain associated protein kinase), a 70 kDa member of the SYK tyrosine kinase family, plays a central role in lymphocyte activation and development, and is implicated in several immune disorders. ZAP70 controls TCR (T-cell antigen receptor)-linked signal transduction pathways. Its key role in thymocytes development and mature T lymphocytes activation has been illustrated by the characterization of several human immunodeficiencies presenting with mutations in the ZAP70 gene. ZAP70 is also expressed in several types of B-cell neoplasm and is easily detected by immunohistochemistry, providing a useful prognostic marker in patients with chronic lymphocytic leukaemia.

**Target:** Tyrosine-Protein Kinase ZAP-70 (ZAP70)

**Clonality:** Monoclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC

**Host:** Mouse

**Recommended dilutions:** ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Purified recombinant fragment of human ZAP70 expressed in E. coli.

**Isotype:** IgG<sub>1</sub>

# Datasheet

Version: 4.0.0

Revision date: 02 Sep 2025



<b>Form:</b>	Liquid
<b>Purification:</b>	Unpurified ascites.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P43403 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	ZAP70
<b>GeneID:</b>	<a href="#">7535</a>
<b>OMIM:</b>	<a href="#">176947</a>
<b>HGNC:</b>	12858
<b>KEGG:</b>	hsa:7535
<b>Ensembl:</b>	ENSG00000115085
<b>String:</b>	<a href="#">9606.ENSP00000264972</a>
<b>Molecular Weight:</b>	70 kDa
<b>Buffer:</b>	Ascitic fluid containing 0.03% sodium azide.
<b>Concentration:</b>	Not determined.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.