

Mouse ZAP70 Monoclonal Antibody | anti-ZAP70 antibody

ZAP70 antibody

CATALOG # AAA225009	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

ZAP70; Monoclonal Antibody; ZAP70 antibody; Mouse monoclonal ZAP70 antibody; Monoclonal ZAP70 antibody; Anti-ZAP70 antibody; Zeta-chain associated protein kinase antibody; Zeta-chain associated protein kinase 70 antibody; ZAP 70; ZAP-70; ZAP 70 antibody; ZAP-70 antibody; anti-ZAP70 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3D2A4
Form/Format	Liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	493
Applicable Applications for anti-ZAP70 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	ZAP70 antibody was raised in Mouse using a purified recombinant fragment of human ZAP70 expressed in E Coli as the immunogen.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot showing ZAP70 antibody used against Jurkat cell lysate (1).


IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-ZAP70 antibody

ZAP70 is a 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24657846
NCBI GeneID	7535
Molecular Weight	55,873 Da
NCBI Official Full Name	ZAP70 protein
NCBI Official Synonym Full Names	zeta chain of T cell receptor associated protein kinase 70
NCBI Official Symbol	ZAP70
NCBI Official Synonym Symbols	SRK; STD; TZK; STCD; IMD48; ADMIO2; ZAP-70
NCBI Protein Information	tyrosine-protein kinase ZAP-70
UniProt Protein Name	Tyrosine-protein kinase ZAP-70
UniProt Gene Name	ZAP70
UniProt Synonym Gene Names	SRK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/zap70-antibody-clone-3d2a4-western-blot-immunohistochemistry-elisa/225009>