

DATASHEET

ZAP-70 Mouse Monoclonal Antibody (ARM909)

CAT. NO. ARM6699

KEY FEATURES

Target	ZAP-70	Clone ID	ARM909
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

ZAP70 (Zeta Chain Of T Cell Receptor Associated Protein Kinase 70) is a protein coding gene located on human chromosome 2q11.2. ZAP70 is also known as SRK, STD, TZK, STCD, IMD48, ADMIO2 and ZAP-70. The human ZAP70 gene encodes a 69872 Da protein containing 619 amino acids. The ZAP70 protein is biasedly expressed in lymph node, spleen and other tissues. Among its related pathways are NF-KappaB Family Pathway and TCR Signaling (Qiagen). ZAP70 is related to transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. SYK is an important paralog of ZAP70 gene. ZAP70 is associated with some diseases, including Immunodeficiency 48 and Autoimmune Disease, Multisystem, Infantile-Onset, 2.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:100-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG2a
Positive Control	Tonsil
Localization	Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	ZAP70
Entrez Gene ID	7535
Uniprot	P43403
Alternative Names	Zeta-chain associated protein kinase 70kDa

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

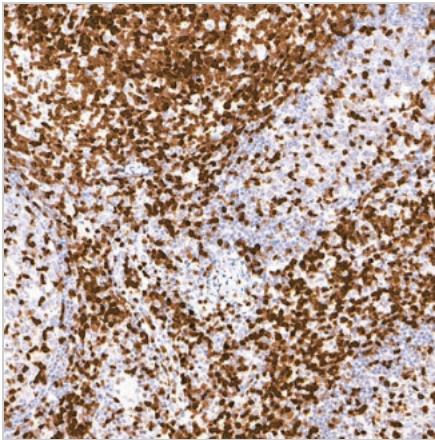
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

DATA

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human Lymph Node sections labeling ZAP-70 with ARM909.

RESEARCH USE ONLY

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / zap-70-mouse-monoclonal-antibody-arm909-arm6699](http://www.arexbio.com/zap-70-mouse-monoclonal-antibody-arm909-arm6699)