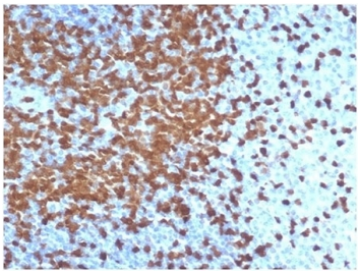
Recombinant ZAP70 Antibody [clone ZAP70/6492R] (V9598)

Catalog No.	Formulation	Size
V9598-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9598-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9598SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

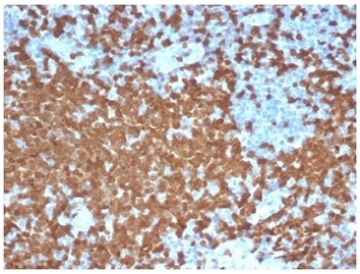
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ZAP70/6492R
Purity	Protein A/G affinity
UniProt	P43403
Localization	Cell surface and cytoplasm
Applications	ELISA (Use Ab At 2-4ug/ml For Coating) (Order Ab Without BSA) : Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant ZAP70 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with recombinant ZAP70 antibody (clone ZAP70/6492R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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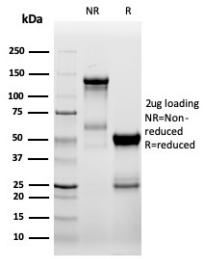

SDS-PAGE analysis of purified, BSA-free recombinant ZAP70 antibody (clone ZAP70/6492R) as confirmation of integrity and purity.

Description

Zeta-associated protein-70 (ZAP-70) is a member of the Syk family of tyrosine kinases, a group of proteins that attach to the zeta chain components of T-cell receptors to signal downstream events involved in the regulation of cell function, proliferation, and death. Research suggests that the ZAP-70 protein may also play an important role in natural killer (NK) cell activation and early B-cell development; however, it is not expressed in most normal mature B-cells. Expression of ZAP-70 has been reported in various lymphomas, including mantle cell lymphoma, small lymphocytic lymphoma and marginal zone lymphoma. During thymocyte development, ZAP-70 promotes survival and cell-cycle progression of developing thymocytes before positive selection (when cells are still CD4/CD8 double negative). Additionally, ZAP-70-dependent signaling pathway may also contribute to primary B-cells formation and activation through B-cell receptor (BCR).

Application Notes

Optimal dilution of the recombinant ZAP70 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 247-382 was used as the immunogen for the recombinant ZAP70 antibody.

Storage

Aliquot the recombinant ZAP70 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.