Recombinant ZAP70 (Chronic Lymphocytic Leukemia Marker) Antibody

Rabbit Monoclonal Antibody [Clone ZAP70/6492R]

Catalog No	Format	Size
7535-RBM12-P0	Purified Ab with BSA and Azide	200ug/ml
7535-RBM12-P1	Purified Ab with BSA and Azide	200ug/ml
7535-RBM12-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

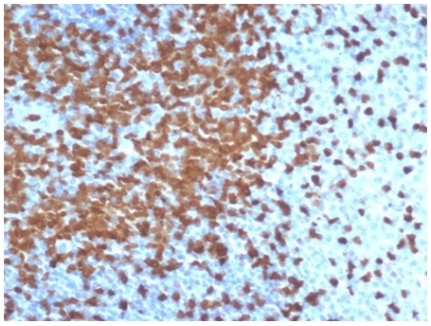
Applications	Tested Dillution
Immunohistochemistry (IHC)	1-2ug/ml

Product Details

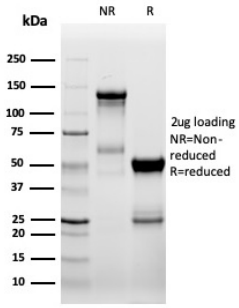
Clone	ZAP70/6492R
Gene Name	ZAP70
Immunogen	Recombinant fragment of human ZAP70 protein (around aa 247-382) (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	70kDa
Cellular Localization	Cell membrane, Cytoplasm
Species Reactivity	Human
Positive Control	Jurkat cells.Human tonsil or lymph node.

**Optimal dilution for a specific application should be determined.*

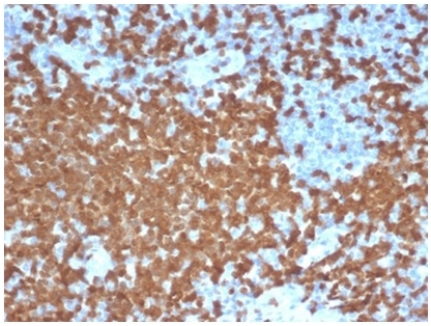
Product Images for Recombinant ZAP70 (Chronic Lymphocytic Leukemia Marker) Antibody



Formalin-fixed, paraffin-embedded human tonsil stained with ZAP70 Recombinant Rabbit Monoclonal Antibody (ZAP70/6492R).



SDS-PAGE Analysis of Purified ZAP70 Recombinant Rabbit Monoclonal Antibody (ZAP70/6492R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human tonsil stained with ZAP70 Recombinant Rabbit Monoclonal Antibody (ZAP70/6492R).

Specificity & Comments

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).

Research Areas

Cardiovascular, Immunology, PD-1 blockade immunotherapy, Signal Transduction

Known Applications & Suggested Dilutions

ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA) | ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 &degC followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 1mM PBS with0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.