Recombinant ZAP70 (Chronic Lymphocytic Leukemia Marker) Antibody

Rabbit Monoclonal Antibody [Clone ZAP70/3921R]

Catalog No	Format	Size
7535-RBM9-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7535-RBM9-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7535-RBM9-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

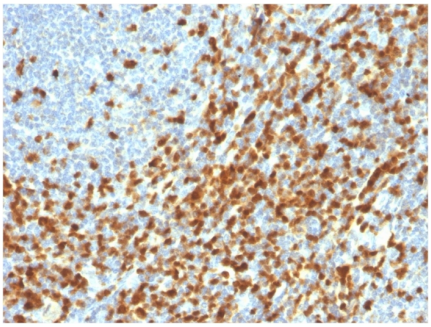
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

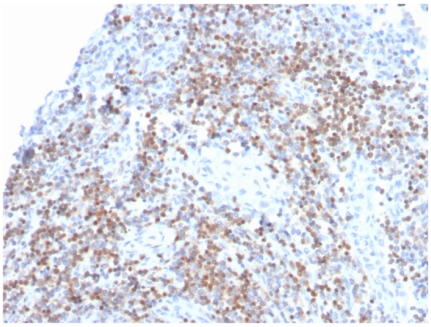
Clone	ZAP70/3921R
Immunogen	Recombinant fragment (around aa247-382) of the human ZAP70 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	69.87kDa
Cellular Localization	Cell membrane, Cytoplasm
Species Reactivity	Human
Positive Control	Jurkat cells.Tonsil or lymph node.

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

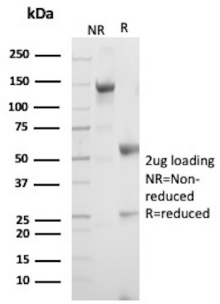
Product Images for Recombinant ZAP70 (Chronic Lymphocytic Leukemia Marker) Antibody



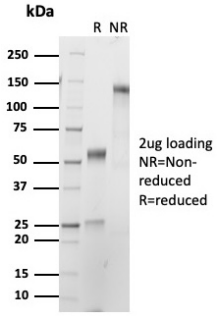
Formalin-fixed, paraffin-embedded human lymphoma stained with ZAP70 Recombinant Rabbit Monoclonal Antibody (ZAP70/3921R).



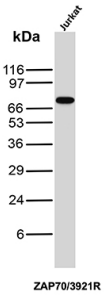
Formalin-fixed, paraffin-embedded human tonsil stained with ZAP70 Recombinant Rabbit Monoclonal Antibody (ZAP70/3921R).



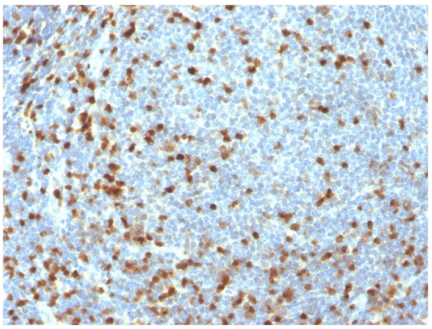
SDS-PAGE Analysis of Purified ZAP70 Recombinant Rabbit Monoclonal Antibody (ZAP70/3921R). Confirmation of Purity and Integrity of Antibody.



SDS-PAGE Analysis of Purified Tyrosine-protein kinase ZAP-70 Recombinant Rabbit Monoclonal Antibody (ZAP70/3921R). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of Jurkat cell lysate using ZAP70 Recombinant Rabbit Monoclonal Antibody (ZAP70/3921R).



Formalin-fixed, paraffin-embedded human lymphoma stained with ZAP70 Recombinant Rabbit Monoclonal Antibody (ZAP70/3921R).

Specificity & Comments

ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene.ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 expression is an excellent surrogate marker for the distinction between the Ig-mutated (anti-ZAP70 negative) and Ig-unmutated (anti-ZAP70 positive) CLL subtypes and can identify patient groups with divergent clinical courses. The anti-ZAP70 positive Ig-unmutated CLL cases have been shown to have a poorer prognosis.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% 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.

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