

Product datasheet for **AM10148SU-N**

ZAP70 Mouse Monoclonal Antibody [Clone ID: 2F3.2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2F3.2
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections: 1/50-1/200 Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Use Polymer anti Mouse/Rabbit IgG as a detection system. <i>Positive Control:</i> Tonsil, CLL/SLL.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	GST-fusion to tandem SH2 domains of Human ZAP-70 corresponding to residues 1-254
Specificity:	This antibody recognizes ZAP-70. Cellular Localization: Cytoplasmic.
Formulation:	State: Supernatant State: Liquid Tissue Culture Supernatant with 0.2% BSA and 15mM Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	zeta chain of T cell receptor associated protein kinase 70kDa
Database Link:	Entrez Gene 5395 Human Entrez Gene 7535 Human P43403



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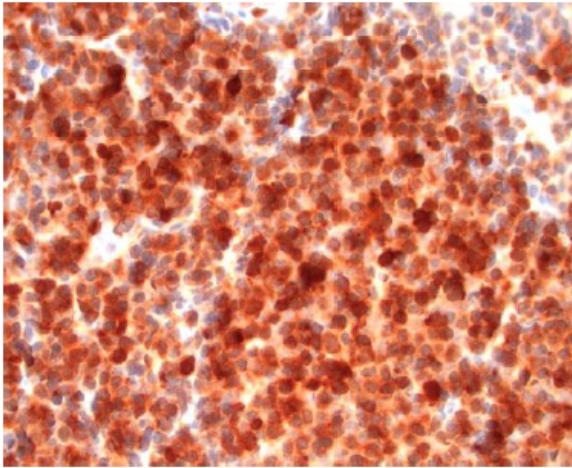
Background: ZAP-70 is a 70 kD protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. ZAP-70 protein is expressed in leukemic cells of approximately 25% of Chronic Lymphocytic Leukemia (CLL) cases as well. ZAP-70 expression is an excellent surrogate marker for the distinction between the Ig-mutated (ZAP-70 negative) and Ig-unmutated (ZAP-70 positive) CLL subtypes and can identify patient groups with divergent clinical courses. The ZAP-70 positive Ig-unmutated CLL cases have a poorer prognosis.

Synonyms: ZAP-70, ZAP 70, SRK

Protein Families: Druggable Genome

Protein Pathways: Mismatch repair

Product images:



Formalin-Fixed, Paraffin-Embedded Human CLL/SLL stained with ZAP70 antibody Cat.-No. AM10148SU-N using peroxidase conjugate and DAB chromogen. Note the cytoplasmic staining of lymphoma cells.