

## 36-1814: Monoclonal Antibody to ZAP70 (Chronic Lymphocytic Leukemia Marker)(Clone : ZAP70/528)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ZAP70/528
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	ZAP70
<b>Gene ID :</b>	7535
<b>Uniprot ID :</b>	P43403
<b>Format :</b>	Purified
<b>Alternative Name :</b>	ZAP70,SRK
<b>Isotype :</b>	Mouse IgG2a, kappa
<b>Immunogen Information :</b>	Recombinant full-length human ZAP70 protein

### Description

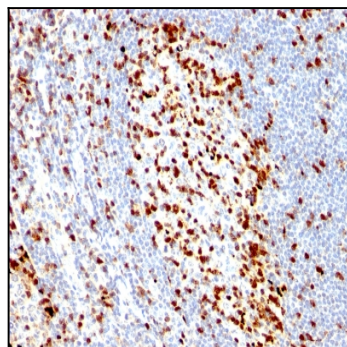
ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 expression is an excellent surrogate 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.

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

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°C followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Tonsil stained with ZAP70 Monoclonal Antibody (ZAP70/528).