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## 36-1815: Monoclonal Antibody to ZAP70 (Chronic Lymphocytic Leukemia Marker)(ZAP70/528 + 2F3.2)

**Clonality:** Monoclonal

**Clone Name :** ZAP70/528 + 2F3.2

Application: IHC
Reactivity: Human
Gene: ZAP70
Gene ID: 7535
Uniprot ID: P43403
Format: Purified
Alternative Name: ZAP70.SRK

**Isotype:** Mouse IgG2a, kappa + Mouse IgG2a, kappa

Immunogen Information: Recombinant full-length human ZAP70 protein (ZAP70/528); Recombinant ZAP-70 protein

including residues 1-254 and encompassing SH2 domains of human ZAP70 (2F3.2)

## **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**

Amount:  $100 \mu g$ 

**Purification:** Affinity Chromatography

**Content:** 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

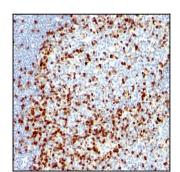
toxic.

**Storage condition :** 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&degC followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Tonsil stained with ZAP70 Monoclonal Antibody (ZAP70/528 + 2F3.2).