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

| Clonality : | Monoclonal |
| :--- | :--- |
| Clone Name : | ZAP70/528 +2 F 3.2 |
| 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 <br> 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 antiZAP70 positive Ig-unmutated CLL cases have been shown to have a poorer prognosis.

## Product Info

## Amount :

Purification :
Content :

Storage condition :
$100 \mu \mathrm{~g}$
Affinity Chromatography
$100 \mu \mathrm{~g}$ in $500 \mu \mathrm{I}$ PBS containing $0.05 \%$ BSA and $0.05 \%$ sodium azide. Sodium azide is highly toxic.

Store the antibody at $4^{\circ} \mathrm{C}$; stable for 6 months. For long-term storage; store at $-20^{\circ} \mathrm{C}$. 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 10 mM 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).

