

ZAP-70 (ZR410)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant fragment (around aa 200-400) of human ZAP70 protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: ZAP-70 (ZR410) Rabbit Monoclonal primary antibody detects ZAP-70 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain ZAP-70 protein.

Localization: Cytoplasmic and cell surface.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: 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 reported indicative of Ig-mutated (ZAP-70 negative) and Ig-unmutated (ZAP-70 positive) CLL subtypes. Interestingly, the ZAP-70 positive Ig-unmutated CLL cases have been reported a poor prognosis.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Fan X, et al. J Histochem Cytochem. 2002; 50:1509-16.
2. Pizarro CB, et al. Am J Med Sci. 2002; 324:326-30.
3. Japon MA, et al.: J Clin Endocrinol Metab

REF Z2766RL/ Z2766RS/ Z2766RT/ Z2766RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)