

Prognostic Marker

Mouse Monoclonal Antibody

ZAP-70, clone 2F3.2

ZAP-70 is a T-cell associated 70-kd protein tyrosin kinase, member of the Sky/ZAP-70 protein kinase family. It has been recently proposed as a novel prognostic marker for the identification of a Chronic Lymphocytic leukemia (CLL) subtype with unmutated immunoglobulin genes, inferior clinical outcome and distinct gene profile

Immunogen: GST-fusion to tandem SH2 domains of human ZAP-70 corresponding to residues 1-254

Application: Immunohistochemistry. Formalin-fixed paraffin embedded tissue

Format:

- **MS-1911-S0, -S1 or S** (0,1 ml, 0,5 ml or 1,0 ml Supernatant)
- **MS-1911-R7** (7,0 ml Ready-to-use for Immunohistochemical staining)
- **MS-1911-PCS** (5 slides) Positive control for Histology

References:

1. **Crespo, M.**, et al, (2003). ZAP-70 expression as a surrogate for immunoglobulin-variable-region mutations in chronic lymphocytic leukemia. *N Engl J Med*, 348: 1764-75.
2. **Silvin, C.**, et al, (2001). A role for Wiskott-Aldrich syndrome protein in T-cell receptor-mediated transcriptional activation independent of actin polymerization. *J Biol Chem*, 276: 21450-7.
3. **Wiestner, A.**, et al, (2003). ZAP-70 expression identifies a chronic lymphocytic leukemia subtype with unmutated immunoglobulin genes, inferior clinical outcome, and distinct gene expression profile. *Blood*, 101: 4944-51

