

Mouse anti-Human ZAP-70, clone L453R, L453R (monoclonal)

Clone no. L453R

MONXtra

---

Product name	Mouse anti-Human ZAP-70, clone L453R, L453R (monoclonal)
Host	Mouse
Applications	IHC-P (1:100)
Species reactivity	human
Conjugate	-
Immunogen	A prokaryotic recombinant protein corresponding to a portion of the N-terminus.
Isotype	IgG2b, kappa
Clonality	Monoclonal
Clone number	L453R
Size	1 ml
Concentration	Greater than or equal to 449 mg/L
Format	-
Storage buffer	PBS with sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-Human ZAP-70, clone L453R, L453R (monoclonal)

Clone no. L453R

MONXtra

**Additional info**

ZAP-70 is a member of the syk family of proteins. It is expressed on T cells and NK cells and is required for the T cell receptor activation that triggers an immune response. CLL B cells that express the non-mutated immunoglobulin VH genes express levels of ZAP-70 protein that are comparable to those found in the blood T cells of healthy adults. Leukemic cells that express mutated Ig VH genes generally do not express detectable levels of ZAP-70 protein and this is correlated with the high level expression of CD38.

**References**

1. Orchard J et al. Leukaemia and Lymphoma 2005; 46(12):1689–1698
2. Wang J et al. Applied Immunohistochemistry and Molecular Morphology 2005;
3. Mustelin T and Tasken K. Biochemical Journal 2003; 371:15–27
4. Van Oers N and Weiss A. Seminars in Immunology 1995; 7:227–236
5. -

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES**