



Fyb Monoclonal Antibody

Catalog No	YP-Ab-03434
Isotype	IgG
Reactivity	Human;Rat
Applications	WB
Gene Name	FYB
Immunogen	Purified recombinant human Fyb protein fragments expressed in E.coli.
Specificity	Fyb Monoclonal Antibody detects endogenous levels of Fyb protein.
Formulation	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/1000 - 1/2000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ADAP;FYB 120/130;p120/p130;SLAP 130;SLAP130;Fyb;FYN-binding protein; Adhesion and degranulation promoting adaptor protein;FYB-120/130;FYN-T-binding protein;SLAP-130;SLP-76-associated phosphoprotein
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm . Nucleus . Cell junction . Colocalizes with TMEM47 at cell-cell contacts in podocytes. .
Tissue Specificity	Expressed in hematopoietic tissues such as myeloid and T-cells, spleen and thymus. Not expressed in B-cells, nor in non-lymphoid tissues.
Function	function:Acts as an adapter protein of the FYN and LCP2 signaling cascades in T cells. Modulates the expression of interleukin-2 (IL-2). Involved in platelet activation. Prevents the degradation of SKAP1 and SKAP2.,PTM:T-cell receptor ligation leads to increased tyrosine phosphorylation.,similarity:Contains 1 SH3 domain.,subunit:Part of a complex consisting of SKAP2, FYB and PTPNS1. Part of a complex consisting of SKAP2, FYB and LILRB3 (By similarity). Interacts with FYN, LCP2, SKAP1 and SKAP2.,tissue specificity:Expressed in hematopoietic tissues such as myeloid and T-cells, spleen and thymus. Not expressed in B-cells, nor in non-lymphoid tissues.,



Background

The protein encoded by this gene is an adapter for the FYN protein and LCP2 signaling cascades in T-cells. The encoded protein is involved in platelet activation and controls the expression of interleukin-2. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011],

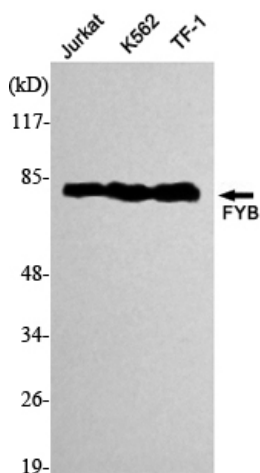
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis using Fyb Monoclonal Antibody against Jurkat, K562, TF-1 cell lysate.