

Fyb Monoclonal Antibody

Catalog No :	YM1037
Reactivity :	Human;Rat
Applications :	WB
Target :	Fyb
Fields :	>>Rap1 signaling pathway;>>Yersinia infection
Gene Name :	FYB
Protein Name :	FYN-binding protein
Human Gene Id :	2533
Human Swiss Prot No :	O15117
Mouse Swiss Prot No :	O35601
Immunogen :	Purified recombinant human Fyb protein fragments expressed in E.coli.
Specificity :	Fyb Monoclonal Antibody detects endogenous levels of Fyb protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:1000 - 1:2000. Not yet tested in other applications.
Purification :	Affinity purification
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	85kD

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],

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.,

Subcellular Location : Cytoplasm . Nucleus . Cell junction . Colocalizes with TMEM47 at cell-cell contacts in podocytes. .

Expression : Expressed in hematopoietic tissues such as myeloid and T-cells, spleen and thymus. Not expressed in B-cells, nor in non-lymphoid tissues.

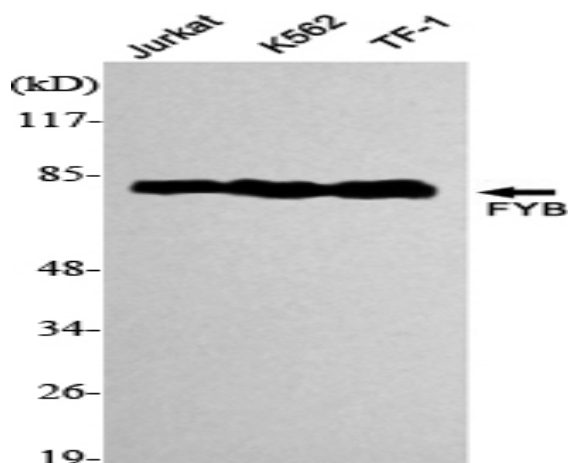
Sort : 6330

No4 : 1

Host : Mouse

Modifications : Unmodified

Products Images



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