

# FYB Rabbit mAb

Catalog # AP75463

## Product Information

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<b>Application</b>	WB, IHC-P, FC
<b>Primary Accession</b>	<a href="#">O15117</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	85387

## Additional Information

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<b>Gene ID</b>	2533
<b>Other Names</b>	FYB1
<b>Dilution</b>	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:50-1:100
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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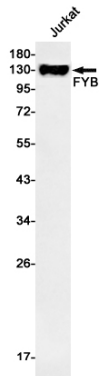
<b>Name</b>	FYB1 ( <a href="#">HGNC:4036</a> )
<b>Synonyms</b>	FYB, SLAP130
<b>Function</b>	Acts as an adapter protein of the FYN and LCP2 signaling cascades in T-cells (By similarity). May play a role in linking T-cell signaling to remodeling of the actin cytoskeleton (PubMed: <a href="#">10747096</a> , PubMed: <a href="#">16980616</a> ). Modulates the expression of IL2 (By similarity). Involved in platelet activation (By similarity). Prevents the degradation of SKAP1 and SKAP2 (PubMed: <a href="#">15849195</a> ). May be involved in high affinity immunoglobulin epsilon receptor signaling in mast cells (By similarity).
<b>Cellular Location</b>	Cytoplasm. Nucleus {ECO:0000255 PROSITE-ProRule:PRU00768}. Cell junction {ECO:0000250 UniProtKB:O35601}. Note=Colocalizes with TMEM47 at cell-cell contacts in podocytes. {ECO:0000250 UniProtKB:O35601}
<b>Tissue Location</b>	Expressed in hematopoietic tissues such as myeloid and T-cells, spleen and

thymus. Not expressed in B-cells, nor in non- lymphoid tissues

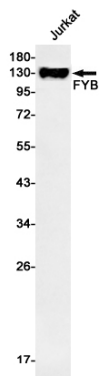
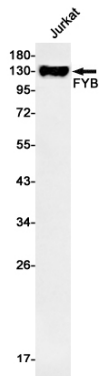
## Background

Acts as an adapter protein of the FYN and LCP2 signaling cascades in T-cells (By similarity). May play a role in linking T-cell signaling to remodeling of the actin cytoskeleton (PubMed:10747096, PubMed:16980616). Modulates the expression of IL2 (By similarity). Involved in platelet activation (By similarity). Prevents the degradation of SKAP1 and SKAP2 (PubMed:15849195). May be involved in high affinity immunoglobulin epsilon receptor signaling in mast cells (By similarity).

## Images



Western blot analysis of FYB in Jurkat lysates using FYB antibody.



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