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FYB Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52751

Specification

FYB Antibody - Product Information

Application	**WB**
Primary Accession	O15117
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**120 KDa**

FYB Antibody - Additional Information

Gene ID 2533

Other Names
ADAP;Adhesion and degranulation promoting adaptor protein;FYB 120/130;Fyb;FYB-120/130; FYB_HUMAN;FYN binding protein;FYN T binding protein;FYN-binding protein;FYN-T-binding protein;p120/p130;PRO0823;SLAP 130;SLAP-130;SLAP130;SLP 76 associated phosphoprotein; SLP-76-associated phosphoprotein;SLP76 associated phosphoprotein.

Dilution
WB~~1:500

Format
Ascites containing with 0.09% (W/V) sodium azide and 50% glycerol.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

FYB Antibody - Protein Information

Name FYB1 (HGNC:4036)

Synonyms FYB, SLAP130

Function
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).

Cellular Location
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}

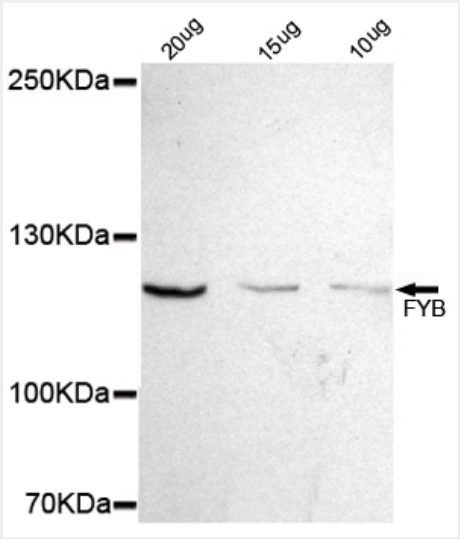
Tissue Location
Expressed in hematopoietic tissues such as myeloid and T-cells, spleen and thymus. Not expressed in B-cells, nor in non- lymphoid tissues

FYB Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FYB Antibody - Images



Western blot detection of FYB in 10,20 and 30ug Jurkat cell lysate using FYB mouse mAb (1:500 diluted).Predicted band size:120KDa.Observed band size:120KDa.

FYB Antibody - Background

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. May play a role in linking T-cell signaling to remodeling of the actin cytoskeleton.

FYB Antibody - References

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