

**FYB Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12307b****Specification**

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**FYB Antibody (C-term) Blocking peptide - Product Information**Primary Accession [O15117](#)**FYB Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 2533**Other Names**

FYN-binding protein, Adhesion and degranulation promoting adaptor protein, ADAP, FYB-120/130, p120/p130, FYN-T-binding protein, SLAP-130, SLP-76-associated phosphoprotein, FYB, SLAP130

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**FYB Antibody (C-term) Blocking peptide - 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:<a href="http://www.uniprot.org/citations/10747096" target="\_blank">10747096</a>, PubMed:<a href="http://www.uniprot.org/citations/16980616" target="\_blank">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="http://www.uniprot.org/citations/15849195" target="\_blank">15849195</a>). 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 (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

### **FYB Antibody (C-term) Blocking peptide - Images**

### **FYB Antibody (C-term) Blocking peptide - Background**

FYB 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.

### **FYB Antibody (C-term) Blocking peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Srivastava, R., et al. J. Biol. Chem. 285(15):11100-11105(2010)Lehmann, R., et al. Proteomics 9(23):5288-5295(2009)Voss, M., et al. BMC Immunol. 10, 53 (2009) :Burbach, B.J., et al. J. Immunol. 181(7):4840-4851(2008)