

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

015117

O35601

Human Gene ld: 2533

Human Swiss Prot

Idiliali Swiss Fiot

No:

Mouse Swiss Prot

No:

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

1/2



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.,

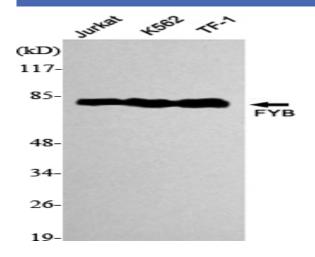
Subcellular Location:

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.

Products Images



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