

Anti-FYB Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

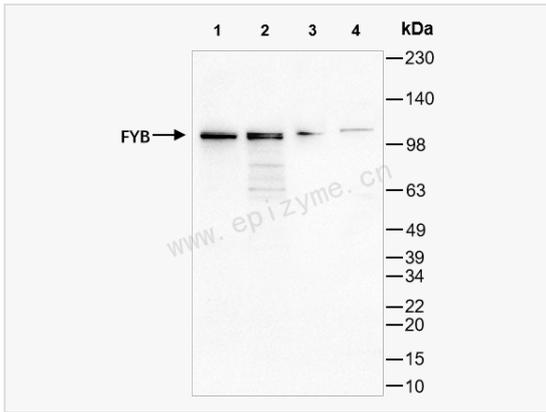
Catalog # R015666

Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	56L30C92
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human FYB
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-FYB Rabbit mAb [56L30C92] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 85 kDa; Observed MW: 110 kDa
Uniprot ID	O15117
Gene ID	2533
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]
Cellular Location	Cytoplasm. Nucleus.
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.



Western Blot - Anti-FYB Rabbit mAb [56L30C92]

All lanes: R015666 at 1:1,000 dilution

Lane 1: Hel (Human erythroLeukemia suspension cell) whole cell lysates

Lane 2: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 3: THP-1 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 4: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

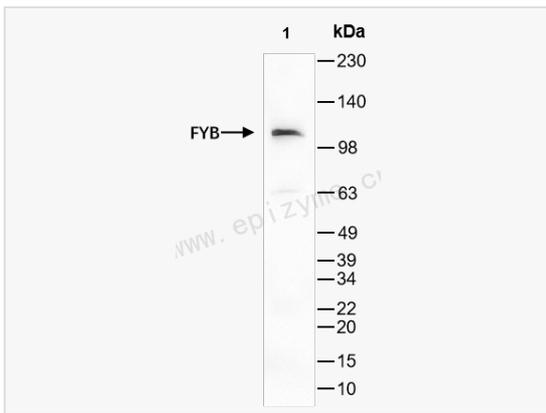
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 85 kDa

Observed band size: 110 kDa

Developed using the ECL technique (Cat. No. SQ201).



Western Blot - Anti-FYB Rabbit mAb [56L30C92]

All lanes: R015666 at 1:1,000 dilution

Lane 1: Mouse brain whole tissue lysates

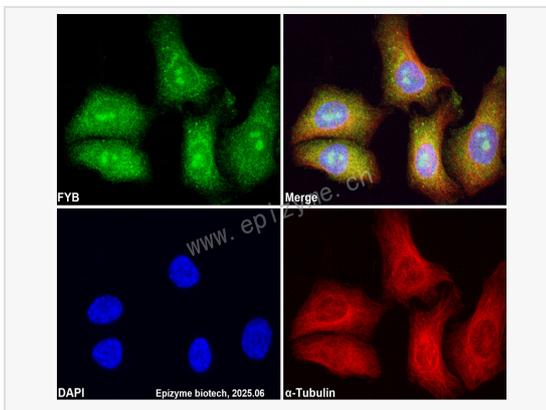
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Immunofluorescence - Anti-FYB Rabbit mAb [56L30C92]

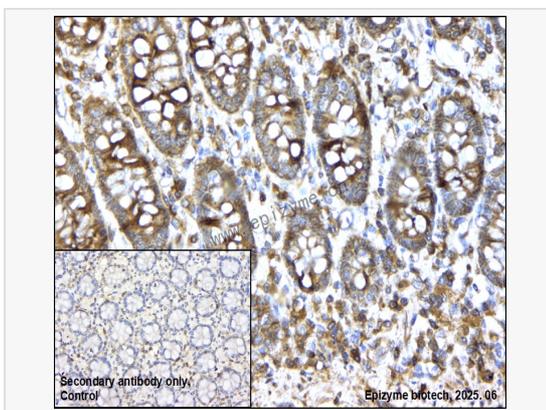
Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R015666 at 1:100 dilution and α-tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (CY3) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).



Immunohistochemistry - Anti-FYB Rabbit mAb [56L30C92]

Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

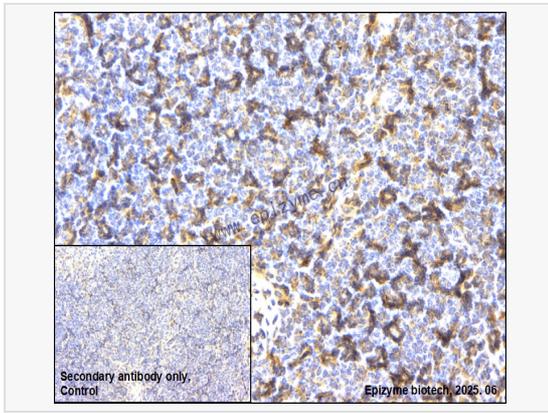
Primary antibody: R015666 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-FYB Rabbit mAb [56L30C92]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse spleen tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015666 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.