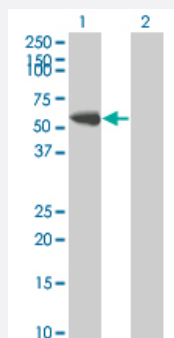


FYN monoclonal antibody (M01), clone 3G11-F9

Catalog # H00002534-M01

Size 100 ug

Applications

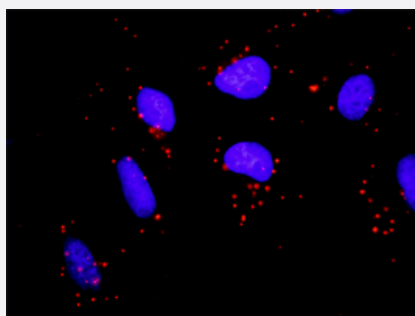


Western Blot (Transfected lysate)

Western Blot analysis of FYN expression in transfected 293T cell line by FYN monoclonal antibody (M01), clone 3G11-F9.

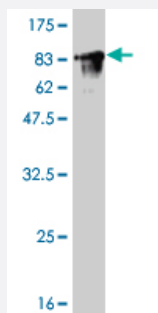
Lane 1: FYN transfected lysate (55.43 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between PRKCD and FYN. HeLa cells were stained with anti-PRKCD rabbit purified polyclonal 1:1200 and anti-FYN mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Western blot detection against Immunogen (78.76 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant FYN.

Immunogen	FYN (AAH32496, 1 a.a. ~ 482 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGCVQCKDKEATKLTEERDGS LNQSSGYRYGTDPTPQHYSFGVTSIPNYNNFHAAGGQGLTVF GGVNSSSHTGTLRTRGGTGVTLFVALYDYEARTEDDLSFHKGEKFQILNSSEGDWWEARSLTTG ETGYIPSNYVAPVDSIQAE EWYFGKLGRKDAERQLLSFGNPRGTF LIRES ETTKGAYSLSIRDWDD MKGDHVKHYKIRKLDNGGYITTRAQFETLQQLVQHYS GTWNGNTKVAIKTLKPGTMSPE SFLEEA QIMKKLKHDKLVQLYAVVSEEPYVTEYMNKGSLLDFLKDGEGRALKLPNLVDMAAQVAAGMAYI ERMNYIHRDLRSANILVGNGLICKIADFGLARLIEDNEY TARQGAKFPIKWTAP EAALYGRFTIKSDV WSFGILLTELVTKGRVPYPGMNNREVLEQVERGYRMPCPQDCPISLHELMHCWKKDPEERPTFE YLQSFLEDYFTATEPQQYPGENL
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (78.76 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of FYN expression in transfected 293T cell line by FYN monoclonal antibody (M01), clone 3G11-F9.

Lane 1: FYN transfected lysate(55.43 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- In situ* Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between PRKCD and FYN. HeLa cells were stained with anti-PRKCD rabbit purified polyclonal 1:1200 and anti-FYN mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Info — FYN

Entrez GeneID [2534](#)

GeneBank Accession# [BC032496](#)

Protein Accession# [AAH32496](#)

Gene Name FYN

Gene Alias MGC45350, SLK, SYN

Gene Description FYN oncogene related to SRC, FGR, YES

Omim ID [137025](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the protein-tyrosine kinase oncogene family. It encodes a membrane-associated tyrosine kinase that has been implicated in the control of cell growth. The protein associates with the p85 subunit of phosphatidylinositol 3-kinase and interacts with the fyn-binding protein. Alternatively spliced transcript variants encoding distinct isoforms exist. [provided by RefSeq]

Other Designations OKT3-induced calcium influx regulator|OTTHUMP00000017914|OTTHUMP00000017915|OTTHUMP00000017917|c-syn protooncogene|protein-tyrosine kinase fyn|proto-oncogene tyrosine-protein kinase fyn|src-like kinase|src/yes-related novel|tyrosine kinase p59fyn(T)

Publication Reference

- [Monospecific antibody targeting of CDH11 inhibits epithelial-to-mesenchymal transition and represses cancer stem cell-like phenotype by up-regulating miR-335 in metastatic breast cancer, in vitro and in vivo.](#)

Chen JH, Huang WC, Bamodu OA, Chang PM, Chao TY, Huang TH.

BMC Cancer 2019 Jun; 19(1):634.

Application: WB-Ce, WB-Tr, Human, Cancer-associated fibroblasts, MCF-7, MDA-MB-231 cells

Pathway

- [Adherens junction](#)
- [Axon guidance](#)
- [Fc epsilon RI signaling pathway](#)

- [Focal adhesion](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Pathogenic Escherichia coli infection - EHEC](#)
- [Prion diseases](#)
- [T cell receptor signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
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- [Tooth Abnormalities](#)