



Datasheet for ABIN560965  
**anti-FYN antibody (AA 1-482)**



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3 Images

Overview

Quantity:	100 µg
Target:	FYN
Binding Specificity:	AA 1-482
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FYN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

Product Details

Purpose:	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:	MGCVQCKDKE ATKLTEERDG SLNQSSGYRY GTDPTPQHYP SFGVTSIPNY NNFHAAGGQG LTVFGGVNSS SHTGTLRTRG GTGVTLFVAL YDYEARTEDD LSFHKGEKFQ ILNSSEGDWW EARSLTTGET GYIPSNYVAP VDSIQAEWY FGKLGRKDAE RQLLSFGNPR GTFLIRESET TKGAYSLSIR DWDDMKGDHV KHYKIRKLDN GGYITTRAQ FETLQQLVQH YSGTWNGNTK VAIKTLKPGT MSPEFLEEA QIMKKLKHDK LVQLYAVVSE EPIYIVTEYM NKGSLDLFLK DGEGRALKLP NLVDMAAQVA AGMAYIERMN YIHRDLRSAN ILVGNGLICK IADFLARLI EDNEYTARQG AKFPIKWTAP EAALYGRFTI KSDVWSFGIL LTELVTKGRV PYPGMNNREV LEQVERGYRM PCPQDCPISL HELMIHCWKK DPEERPTFEY LQSFLEDYFT ATEPQYQPGE NL

## Product Details

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Clone:	3G11-F9
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	FYN
Alternative Name:	FYN ( <a href="#">FYN Products</a> )
Background:	Full Gene Name: FYN oncogene related to SRC, FGR, YES Synonyms: MGC45350,SLK,SYN
Gene ID:	2534
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">TCR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Feeding Behaviour</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Activated T Cell Proliferation</a> , <a href="#">Thromboxane A2 Receptor Signaling</a>

## Application Details

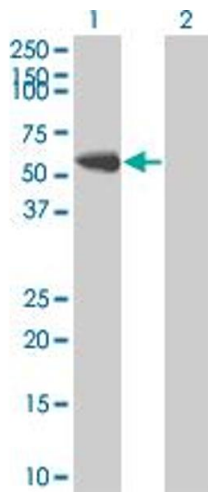
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

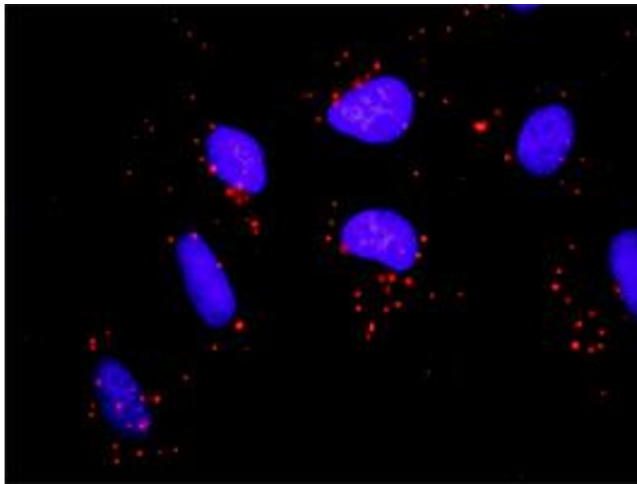


### Western Blotting

**Image 1.** 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.



### Proximity Ligation Assay

**Image 2.** 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 Blotting

**Image 3.** Western Blot detection against Immunogen (78.76 KDa).