FYN Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	FYN, Monoclonal Antibody
Full Product Name	FYN (FYN Oncogene Related to SRC, FGR, YES, OKT3-induced Calcium Influx Regulator, OTTHUMP00000017914, OTTHUMP00000017915, OTTHUMP00000017917, C-syn protoOncogene, Protein-Tyrosine Kinase fyn, Proto-Oncogene Tyrosine-Protein Kinase fyn, Src-like Kinase, S
Product Gene Name	anti-FYN antibody
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	3A8
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified
Specificity	Recognizes human FYN.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Recombinant protein corresponding to aa1-90 from human FYN with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MGCVQCKDKEATKLTEERDGSLNQSSGYRYGTDPTP QHYPSFGVTSIPNYNNFHAAGGQGLTVFGGVNSSSHT GTLRTRGGTGVTLFVAL
Conjugate	MaxLight405
Product Categories/Family for anti-FYN antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-FYN antibody	FLISA, Western Blot (WB)
Application Notes for anti-FYN antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FYN antibody	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.
Other Notes	Small volumes of anti-FYN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FYN purchase	MBS6194133 is an antibody targeting FYN. Also known as FYN (FYN Oncogene Related to SRC, FGR, YES, OKT3-induced Calcium Influx Regulator, OTTHUMP00000017914, OTTHUMP00000017915, OTTHUMP00000017917, C-syn protoOncogene, Protein-Tyrosine Kinase fyn, Proto-Oncogene Tyrosine-Protein Kinase fyn, Src-like Kinase, S. Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FYN. It may not necessarily be applicable to this product.

NCBI GI #	21618480
NCBI GeneID	2534
NCBI Accession #	AAH32496
UniProt Related Accession #	P06241
NCBI Official Full Name	FYN oncogene related to SRC, FGR, YES
NCBI Official Synonym Full Names	FYN proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	FYN
NCBI Official Synonym Symbols	SLK; SYN; p59-FYN
Protein Family	Tyrosine-protein kinase
NCBI Protein Information	tyrosine-protein kinase Fyn
Research Articles on FYN	**1.** In vivo experiments using A53T and viral-alphaSyn overexpression mouse models as well as human Parkinson's disease neuropathological results further confirm the role of Fyn in NLRP3 inflammasome activation.
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