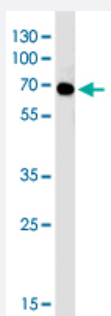


FYN monoclonal antibody, clone 1302CT390.118.237

Catalog # MAB12346

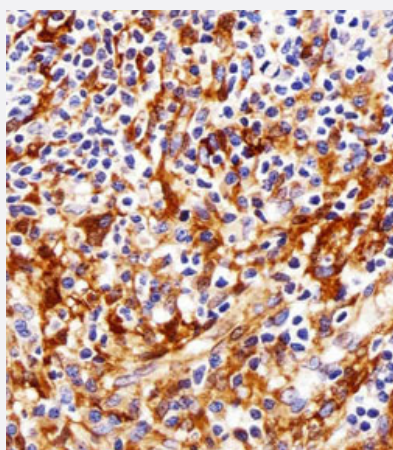
Size 400 uL

Applications



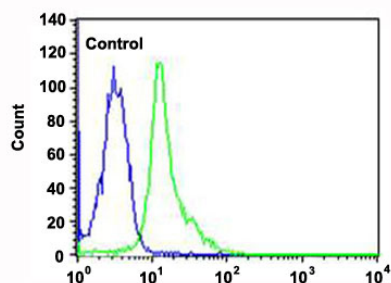
Western Blot (Cell lysate)

Western blot analysis of 293 cell line lysates reacted with FYN monoclonal antibody (Cat # MAB12346) at 1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human tonsil section reacted with FYN monoclonal antibody (Cat # MAB12346) at 1:25 dilution.



Flow Cytometry

Flow cytometric analysis of HeLa cells (green histogram) and an isotype control of mouse IgG1 (blue histogram) reacted with FYN monoclonal antibody (Cat # MAB12346) at 1:25 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against human FYN.
Immunogen	Recombinant protein corresponding to human FYN.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (1:25) Immunohistochemistry (1:25) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of 293 cell line lysates reacted with FYN monoclonal antibody (Cat # MAB12346) at 1:1000 dilution.

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- Flow Cytometry

Flow cytometric analysis of HeLa cells (green histogram) and an isotype control of mouse IgG1 (blue histogram) reacted with FYN monoclonal antibody (Cat # MAB12346) at 1:25 dilution.

Gene Info — FYN

Entrez GeneID [2534](#)

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)

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](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Lupus Erythematosus](#)
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