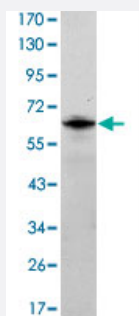


FYN monoclonal antibody, clone 2A10

Catalog # MAB10658

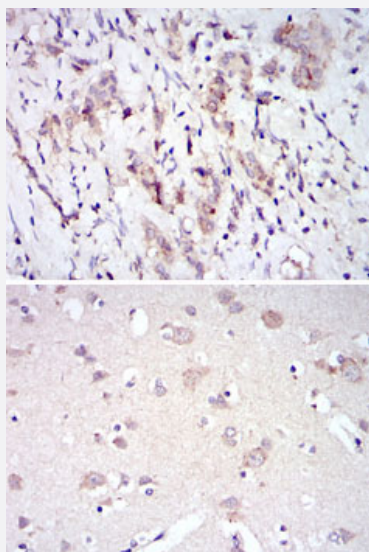
Size 100 uL

Applications



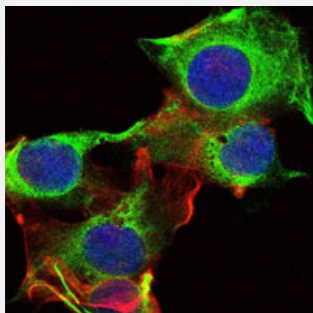
Western Blot (Cell lysate)

Western blot analysis using FYN monoclonal antibody, clone 2A10 (Cat # MAB10658) against HeLa cell lysate.



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

Immunohistochemical analysis of paraffin-embedded human breast cancer tissues (upper) and brain tissues (bottom) using FYN monoclonal antibody, clone 2A10 (Cat # MAB10658) with DAB staining.

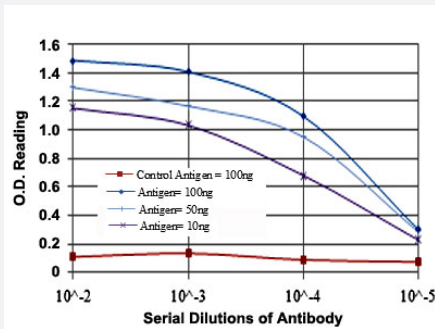


Immunofluorescence

Immunofluorescence analysis of U251 cells using FYN monoclonal antibody, clone 2A10 (Cat # MAB10658) (green) . Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

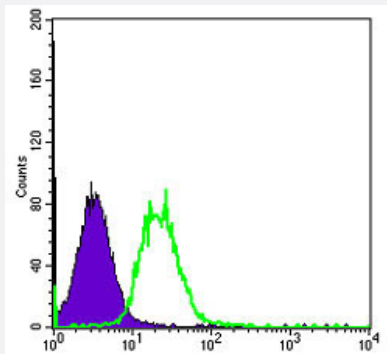
Enzyme-linked Immunoabsorbent Assay

ELISA measurement of FYN monoclonal antibody, clone 2A10 (Cat # MAB10658) .



Flow Cytometry

Flow cytometric analysis of HeLa cells using FYN monoclonal antibody, clone 2A10 (Cat # MAB10658) (green) and negative control (purple).



Specification

Product Description Mouse monoclonal antibody raised against partial recombinant FYN.

Immunogen Recombinant protein corresponding to human FYN.

Host Mouse

Theoretical MW (kDa) 61

Reactivity Human

Form Liquid

Isotype IgG1

Recommend Usage

- ELISA (1:10000)
- Western Blot (1:500-1:2000)
- Immunohistochemistry (1:200-1:1000)
- Immunofluorescence (1:200-1:1000)
- Flow cytometry (1:200-1:400)
- The optimal working dilution should be determined by the end user.

Storage Buffer In ascites (0.03% 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 using FYN monoclonal antibody, clone 2A10 (Cat # MAB10658) against HeLa cell lysate.

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

Immunohistochemical analysis of paraffin-embedded human breast cancer tissues (upper) and brain tissues (bottom) using FYN monoclonal antibody, clone 2A10 (Cat # MAB10658) with DAB staining.

- Immunofluorescence

Immunofluorescence analysis of U251 cells using FYN monoclonal antibody, clone 2A10 (Cat # MAB10658) (green) . Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

- Enzyme-linked Immunoabsorbent Assay

ELISA measurement of FYN monoclonal antibody, clone 2A10 (Cat # MAB10658) .

- Flow Cytometry

Flow cytometric analysis of HeLa cells using FYN monoclonal antibody, clone 2A10 (Cat # MAB10658) (green) and negative control (purple).

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](#)
- [Neuropsychological Tests](#)
- [Pancreatic Neoplasms](#)
- [Parkinson disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Tooth Abnormalities](#)