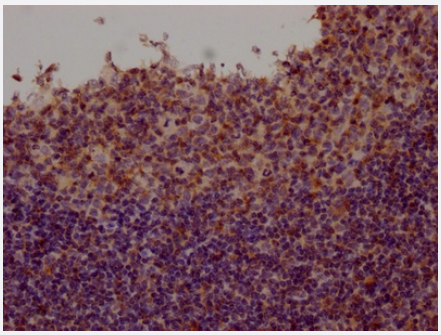
RecomAb™ Sm Size

FYN recombinant monoclonal antibody, clone 1G3

Catalog # RAB08604 Size 50 uL

Applications



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

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using FYN recombinant monoclonal antibody on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FYN.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human FYN.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical analysis of paraffin-embedded human tonsil tissue using FYN recombinant monoclonal antibody on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FYN

Entrez GeneID	2534
Protein Accession#	P06241
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-a ssociated tyrosine kinase that has been implicated in the control of cell growth. The protein associ ates with the p85 subunit of phosphatidylinositol 3-kinase and interacts with the fyn-binding protei n. Alternatively spliced transcript variants encoding distinct isoforms exist. [provided by RefSeq
Other Designations	OKT3-induced calcium influx regulator|OTTHUMP00000017914|OTTHUMP00000017915|OTTH UMP00000017917|c-syn protooncogene|protein-tyrosine kinase fyn|proto-oncogene tyrosine-prot ein kinase fyn|src-like kinase|src/yes-related novel|tyrosine kinase p59fyn(T)

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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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- Neuropsychological Tests
- Pancreatic Neoplasms
- Parkinson disease
- Schizophrenia
- Schizophrenic Psychology
- Tooth Abnormalities

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