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Datasheet for ABIN969159

## anti-FYN antibody

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### Overview

Quantity:	100 µL
Target:	FYN
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Purified recombinant fragment of human FYN expressed in E. coli.
Clone:	2A10
Isotype:	IgG1
Purification:	purified

### Target Details

Target:	FYN
Alternative Name:	FYN ( <a href="#">FYN Products</a> )
Background:	<p>Description: 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.</p> <p>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.</p>

## Target Details

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Aliases: SLK, SYN, MGC45350

Molecular Weight: 61 kDa

Gene ID: 2534

HGNC: 2534

Pathways: [JAK-STAT Signaling](#), [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Feeding Behaviour](#), [CXCR4-mediated Signaling Events](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Activated T Cell Proliferation](#), [Thromboxane A2 Receptor Signaling](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

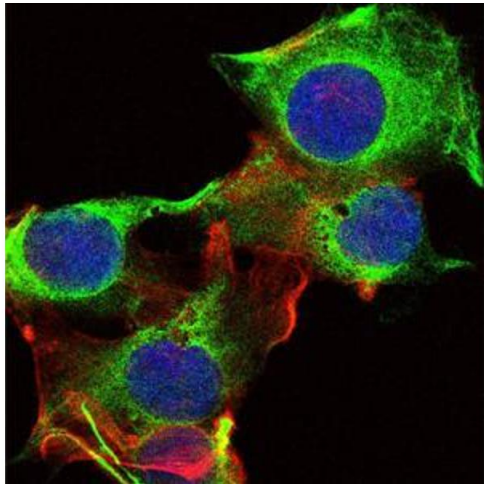
## Publications

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Product cited in: Golledge, Biro, Clancy, Cooper, Palmer, Norman: "A single-nucleotide polymorphism in the gene encoding osteoprotegerin is associated with diastolic blood pressure in older men." in: **American journal of hypertension**, Vol. 22, Issue 11, pp. 1167-70, (2009) ([PubMed](#)).

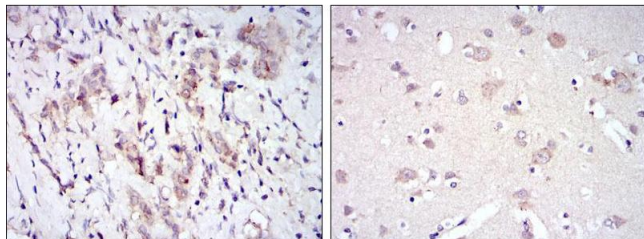
Talmud, Drenos, Shah, Shah, Palmén, Verzilli, Gaunt, Pallas, Lovering, Li, Casas, Sofat, Kumari, Rodriguez, Johnson, Newhouse, Dominiczak, Samani, Caulfield, Sever, Stanton, Shields, Padmanabhan et al.: "Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. ..." in: **American journal of human genetics**, Vol. 85, Issue 5, pp.

Images



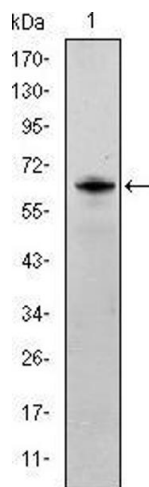
**Immunofluorescence**

**Image 1.** Immunofluorescence analysis of U251 cells using FYN mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



**Immunohistochemistry**

**Image 2.** Immunohistochemical analysis of paraffin-embedded breast cancer tissues (left) and brain tissues (right) using FYN mouse mAb with DAB staining.



**Western Blotting**

**Image 3.** Western blot analysis using FYN mAb against human FYN (AA: 7-176) recombinant protein. (Expected MW is 44.3 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN969159.