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Datasheet for ABIN5542635
anti-SYK antibody (AA 217-356)

5 Images

Overview

Quantity:	0.1 mg
Target:	SYK
Binding Specificity:	AA 217-356
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SYK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human SYK (AA: 217-356) expressed in E. coli.
Clone:	2G11E6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	SYK
Alternative Name:	SYK (SYK Products)
Background:	Description: This gene encodes a member of the family of non-receptor type Tyr protein

Target Details

kinases. This protein is widely expressed in hematopoietic cells and is involved in coupling activated immunoreceptors to downstream signaling events that mediate diverse cellular responses, including proliferation, differentiation, and phagocytosis. It is thought to be a modulator of epithelial cell growth and a potential tumour suppressor in human breast carcinomas. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. ,

Aliases: p72-Syk

Molecular Weight: 72 kDa

Gene ID: 6850

HGNC: 90

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Thromboxane A2 Receptor Signaling](#), [BCR Signaling](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:50 - 1:250, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

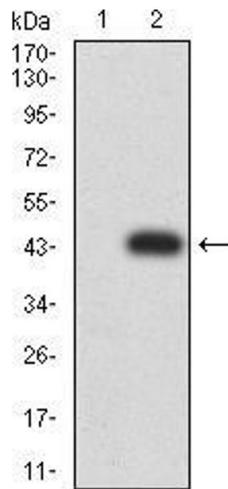
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

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

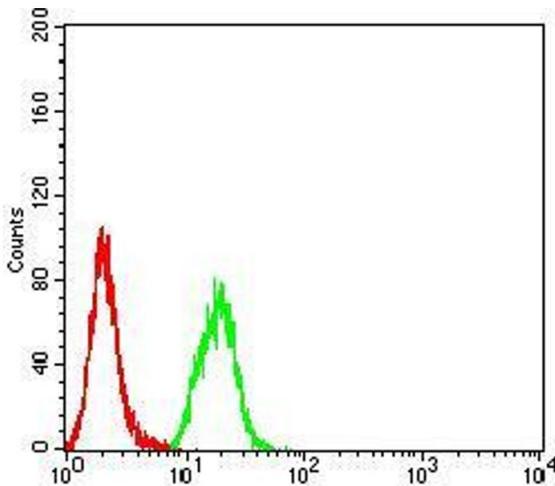
Storage: 4 °C/-20 °C

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



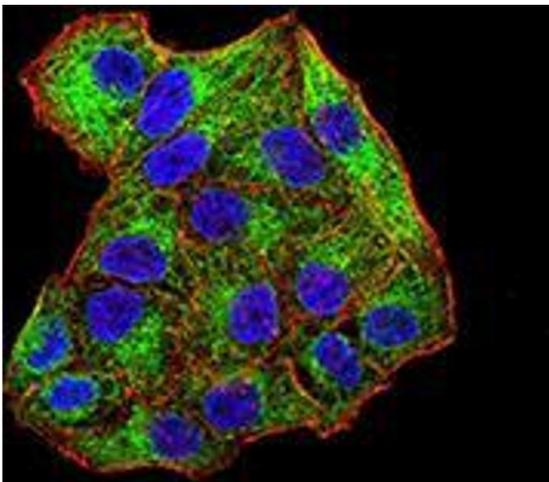
Western Blotting

Image 1. Western blot analysis using SYK mAb against HEK293 (1) and SYK (AA: 217-356)-hlgGfC transfected HEK293 (2) cell lysate.



Flow Cytometry

Image 2. Flow cytometric analysis of Hela cells using SYK mouse mAb (green) and negative control (red).



Immunocytochemistry

Image 3. Immunofluorescence analysis of Hela cells using SYK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542635.