

Syk Rabbit pAb

Catalog No.: A2123SP

12 Publications

Basic Information

Observed MW

70 kDa

Calculated MW

72 kDa/70 kDa

Category

Primary antibody

Applications

WB, IP, IF/ICC, IF-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the family of non-receptor type Tyr protein 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.

Recommended Dilutions

WB 1:500 - 1:2000**IP** 0.5 µg - 4 µg antibody for
400 µg - 600 µg extracts of
whole cells**IF/ICC** 1:200 - 1:800**IF-P** 1:200 - 1:800**ELISA** Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.

Immunogen Information

Gene ID

6850

Swiss Prot

P43405

Immunogen

This information is considered to be commercially sensitive.

Synonyms

IMD82; p72-Syk; Syk

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

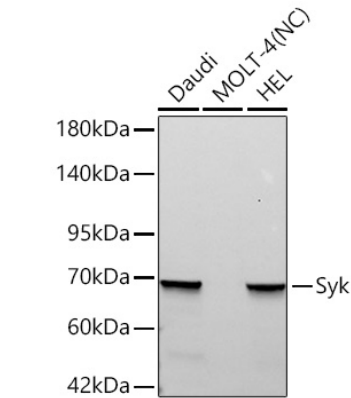
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.
May contain 0.05% BSA as specified on the Certificate of Analysis.

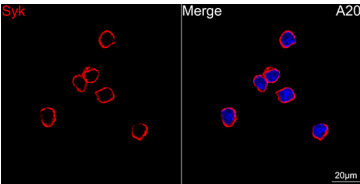
Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

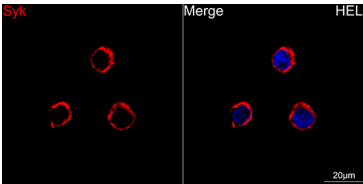
Validation Data



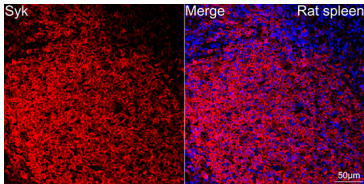
Western blot analysis of various lysates using Syk Rabbit pAb (A2123SP) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): MOLT-4.
Exposure time: 45 s.



Confocal imaging of A20 cells using Syk Rabbit pAb (A2123SP, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of HEL cells using Syk Rabbit pAb (A2123SP, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of Rat spleen tissue using Syk Rabbit pAb (A2123SP, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.