

Phospho-Syk-Y525/526 Rabbit mAb

Catalog No.: AP1652 **Recombinant**

Basic Information

Observed MW

72 kDa

Calculated MW

69 kDa, 72 kDa

Category

Primary antibody

Applications

WB, IP, IF/ICC, ELISA

Cross-Reactivity

Human

CloneNo number

ARC4076

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 1:5000 - 1:30000

IP 0.5 µg - 4 µg antibody for
200 µg - 400 µg extracts of
whole cells

IF/ICC 1:1000 - 1:4000

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.
For high-ratio antibody
dilutions ($\geq 1:10000$) a
sequential dilution method
is strongly recommended to
ensure measurement
accuracy.

Immunogen Information

Gene ID

6850

Swiss Prot

P43405

Immunogen

This information is considered to be commercially sensitive.

Synonyms

IMD82; p72-Syk

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

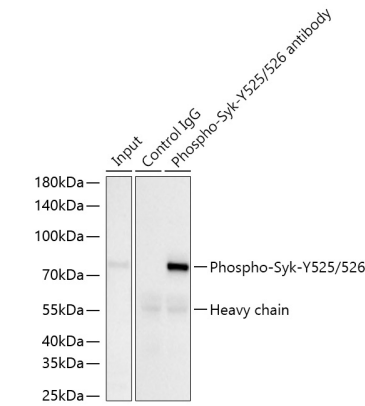
Contact

☎ | 400-999-6126

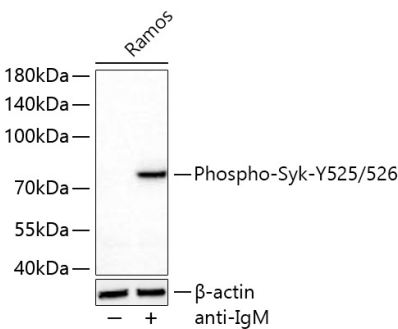
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

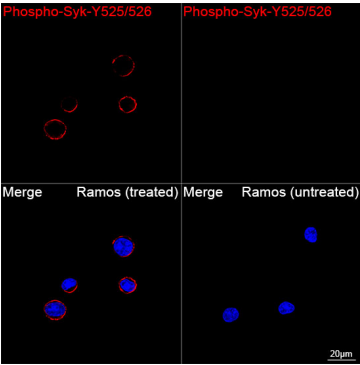
Validation Data



Immunoprecipitation of Phospho-Syk-Y525/526 from 300 µg extracts of Ramos cells treated with anti-IgM (12 µg/mL, 10 minutes) was performed using 1 µg of Phospho-Syk-Y525/526 Rabbit mAb (AP1652). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Phospho-Syk-Y525/526 Rabbit mAb (AP1652) at a dilution of 1:10000.



Western blot analysis of lysates from Ramos cells using Phospho-Syk-Y525/526 Rabbit mAb (AP1652) at 1:5000 dilution incubated overnight at 4°C. Ramos cells were treated with anti-IgM (12 µg/mL) for 10 minutes after serum starvation overnight. Secondary antibody: HRP-conjugated Mouse anti-Rabbit IgG Light Chain (AS061) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90 s.



Confocal imaging of Ramos cells (treated with IgM) and Ramos cells (untreated) using Phospho-Syk-Y525/526 Rabbit mAb (AP1652, dilution 1:1000) 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.