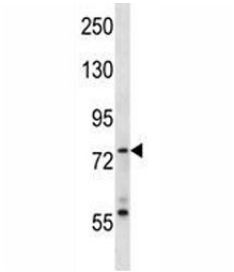
Syk Antibody (F44546)

Catalog No.	Formulation	Size
F44546-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44546-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Chicken, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P48025
Applications	Western blot: 1:1000
Limitations	This Syk antibody is available for research use only.



Syk antibody western blot analysis in MDA-MB453 lysate. Predicted molecular weight: 72 kDa.

Description

Positive effector of BCR-stimulated responses. Couples the B-cell antigen receptor (BCR) to the mobilization of calcium ion either through a phosphoinositide 3-kinase-dependent pathway, when not phosphorylated on tyrosines of the linker region, or through a phospholipase C-gamma-dependent pathway, when phosphorylated on Tyr-342 and Tyr-346. Thus the differential phosphorylation of Syk can determine the pathway by which BCR is coupled to the regulation of intracellular calcium ion. Phosphorylates USP25 and regulates its intracellular levels (By similarity).

Application Notes

Titration of the Syk antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 195-223 from the mouse protein was used as the immunogen for this Syk antibody.

Storage

Aliquot the Syk antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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