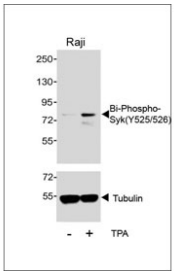
Phospho-Syk Antibody (pY525/526) (F48459)

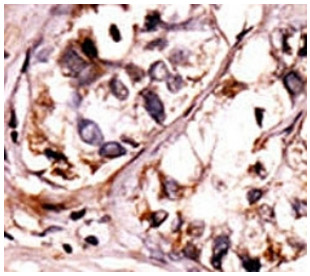
Catalog No.	Formulation	Size
F48459-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F48459-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P43405
Applications	Western blot: 1:100-1:250 Immunohistochemistry (FFPE): 1:50-1:100
Limitations	This phospho-Syk antibody is available for research use only.



Western blot testing of lysate from human Raji cells that was untreated (-) and treated with 200 nm TPA for 30 min (+).



IHC analysis of FFPE human hepatocarcinoma tissue stained with the phospho-Syk antibody.

Description

Syk is a positive effector of BCR-stimulated responses. This protein 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.

Application Notes

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

Immunogen

This phospho-Syk antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to the amino acid residues surrounding pY525/526 of human Syk.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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