

Syk (phospho-Y525) polyclonal antibody

Catalog: BS4189

Host: Rabbit

Reactivity: Human,Rat

BackGround:

Syk (spleen tyrosine kinase) is a 635 amino acid protein that contains one protein kinase domain and two SH2 domains. One of several members of the protein kinase superfamily, Syk functions as a positive effector of B cell antigen receptor (CD79)-stimulated responses, coupling CD79 with the movement of one calcium ion through one of two phospho-regulated pathways. Via its ability to influence CD79 activity and to control the movement of calcium through the cell, Syk plays an important role in a variety of cellular responses, including differentiation, phagocytosis, proliferation and B cell development. Syk expression is upregulated in T cell lymphoma, suggesting a possible role for Syk in tumorigenesis. Two isoforms of Syk, designated short and long, exist due to alternative splicing events.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 69 kDa

Swiss-Prot:

P43405

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

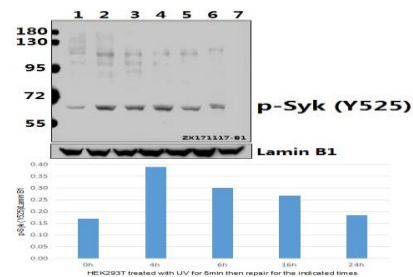
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-Syk (Y525) polyclonal antibody detects endogenous levels of Syk protein only when phosphorylated at

Tyr525.

DATA:



Western blot (WB) analysis of p-Syk (Y525) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:HEK293T treated with UV for 5 minutes then repair for 4 hours whole cell lysate(40ug)

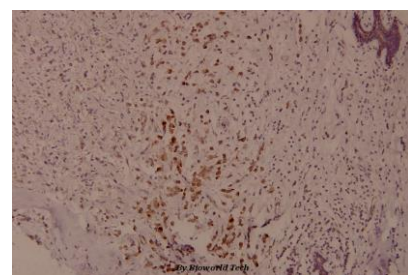
Lane3:HEK293T treated with UV for 5 minutes then repair for 6 hours whole cell lysate(40ug)

Lane4:HEK293T treated with UV for 5 minutes then repair for 16 hours whole cell lysate(40ug)

Lane5:HEK293T treated with UV for 5 minutes then repair for 24 hours whole cell lysate(40ug)

Lane6:The Lung tissue lysate of Rat(40ug)

Lane7:The Uterus tissue lysate of Mouse(40ug)



Immunohistochemistry (IHC) analyzes of p-Syk (Y525) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

For research use only, not for use in diagnostic procedure.

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