

## Syk (phospho-Y348) polyclonal antibody

Catalog: BS4188

Host: Rabbit

Reactivity: Human, Mouse, 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:

~ 72 kDa

### Swiss-Prot:

P43405

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC: 1:50~1:200

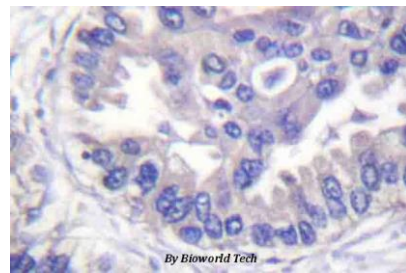
### Storage&Stability:

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

### Specificity:

p-Syk (Y348) polyclonal antibody detects endogenous levels of Syk protein only when phosphorylated at Tyr348.

### DATA:



Immunohistochemistry (IHC) analyzes of p-Syk (Y348) pAb in paraffin-embedded human lung cancer tissue.

### Note:

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

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