

## Anti-Phospho-SYK (Y348) Antibody

Catalog Number: P00490-1

### About SYK

Spleen tyrosine kinase, also known as Syk, is an enzyme which in humans is encoded by the SYK gene. It is mapped to 9q22.2. 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.

### Overview

Product Name	Anti-Phospho-SYK (Y348) Antibody
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-Phospho-SYK (Y348) Antibody catalog # P00490-1. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Mouse, Rat, Monkey.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P43405

### Technical Details

Immunogen	A synthesized peptide derived from human SYK around the phosphorylation site of Tyr348.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200

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