

## Syk (Phospho Tyr525/526) (AB2204) Rabbit mAb

M3541

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IF, IP, ELISA

#### MW

- 72 kDa (calculated)
- 72 kDa (observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

#### Application

WB, IF, IP, ELISA

#### Dilution

WB, 1:2000-1:10000 | IF, 1:200-1:1000 | IP, 0.5 µg-4 µg antibody for 200 µg-400 µg extracts of whole cells. | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Storage

#### Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

#### Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

### Basic Information

**Clonality** Monoclonal

**Clone Number** AB2204

**Immunogen** Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Specificity** The antibody detects endogenous levels of syk protein only when phosphorylated at Tyr525/526 of human Syk or Tyr519/520 of mouse Syk. It also detects Syk protein when singly phosphorylated at Tyr526 of human Syk or Tyr520 of mouse Syk.

**Purification** Affinity purification Protein A

**Concentration** Product concentration may vary by batch. Please refer to the product COA for details.

### Target Information

**Gene name** SYK

**Protein Name** Tyrosine-protein kinase SYK

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P43405	6850

**Background** 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. [provided by RefSeq, Mar 2010]