



Syk (phospho Tyr525) rabbit pAb

Cat No.:ES1481

For research use only

Overview

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| Product Name | Syk (phospho Tyr525) rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat;Monkey |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human SYK around the phosphorylation site of Tyr525. AA range:491-540 |
| Specificity | Phospho-Syk (Y525) Polyclonal Antibody detects endogenous levels of Syk protein only when phosphorylated at Y525. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Tyrosine-protein kinase SYK |
| Gene Name | SYK |
| Cellular localization | Cell membrane . Cytoplasm, cytosol . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 72kD |
| Human Gene ID | 6850 |
| Human Swiss-Prot Number | P43405 |
| Alternative Names | SYK; Tyrosine-protein kinase SYK; Spleen tyrosine kinase; p72-Syk |
| 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 |





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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],



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