



# c-Src (phospho Ser75) Monoclonal Antibody

Catalog No         BYmab-14501           Isotype         IgG           Reactivity         Human;Mouse;Rat           Applications         WB           Gene Name         SRC           Protein Name         Proto-oncogene tyrosine-protein kinase Src           Immunogen         The antiserum was produced against synthesized peptide derived from human Src around the phosphorylation site of Ser75. AA range:41-90           Specificity         Phospho-c-Src (S75) Monoclonal Antibody detects endogenous levels of c-Src protein only when phosphorylated at S75.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         SRC; SRC1; Proto-oncogene tyrosine-protein kinase Src; Proto-oncogene c-Src; pp60-Src           Observed Band         60kD           Cell Pathway         Cell membrane; Lipid-anchor . Mitochondrion inner membrane . Nucleus . Cytoplasm, cytoskeleton . Cytoplasm, perinuclear region . Cell junction, focal adhesion sites following integrin engagement (PubMed:239373). Localization		
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Nanjing BYabscience technology Co.,Ltd

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subfamily	v.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2
domain.,s	similarity:Contains 1 SH3 domain.,subunit:Interacts with DDEF1/ASAP1;
via the Śl	H3 domain. Interacts with CCPG1 (By similarity). Interacts with CDCP1,
PELP1. T	GFB1I1 and TOM1L2. Interacts with the cytoplasmic domain of MUC1,
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#### **Background**

This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008],

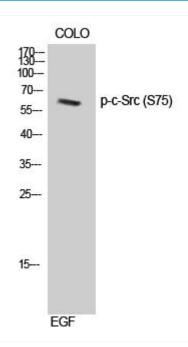
## matters needing attention

Avoid repeated freezing and thawing!

### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### **Products Images**



Western Blot analysis of various cells using c-Src (phospho Ser75) Monoclonal Antibody

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