

A Reliable Research Partner in Life Science and Medicine

Recombinant Phospho-Src (Tyr530) Monoclonal Antibody

catalog number: AN300386L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen A synthetic peptide corresponding to the residues around

Host Rabbit Isotype lgG Clone B312 **Purification** Protein A

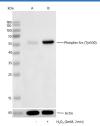
Buffer 10 mM sodium HEPES, 150 mM NaCl, 100 µg/mL protein protectant, 50% glycerol,

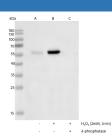
pH 7.5

Recommended Dilution Applications

1:1000-1:10000 WB

Data

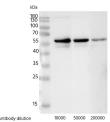




Western blot analysis of extracts from serum-starved Jurkat, Western blot analysis of extracts from serum-starved Jurkat, untreated(line A) or treated with H2O2 (2mM, 2min; +)(line B), using Phospho-Src (Tyr530) rabbit monoclonal Antibody Rabbit Monoclonal at 1:50000 dilution(lower).

untreated (line A); treated with H2O2 (2mM, 2min; +) (line B); treated with H2O2 and λ-phosphatase (line C) using at 1:2000 dilution. (upper) or Anti-Actin Antibody, Chimeric Phospho-Src (Tyr530) rabbit monoclonal Antibody at 1:2000 dilution.

> Observed-MW:60 kDa Calculated-MW:60 kDa



Observed-MW:60 kDa Calculated-MW:60 kDa

Western blot analysis of extracts from serum-starved Jurkat treated with H2O2 (2mM, 2min), using Phospho-Src (Tyr530) rabbit monoclonal Antibody at 1:10000, 1:50000, 1:200000 dilution.

> Observed-MW:60 kDa Calculated-MW:60 kDa

Preparation & Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of Storage

> activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

For Research Use Only

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Shipping Ice bag

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.

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