

## Src (Phospho-Ser75) Antibody

Catalog No: #11944



Package Size: #11944-1 50ul #11944-2 100ul

Orders: order@signalwayantibody.com

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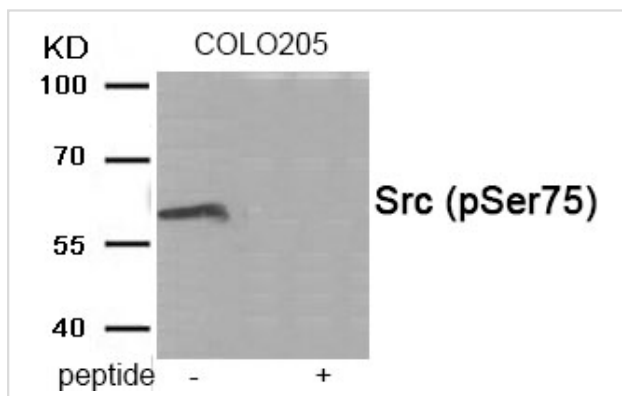
## Description

Product Name	Src (Phospho-Ser75) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of Src only when phosphorylated at serine 75.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 75 (V-T-S(p)-P-Q) derived from Human Src.
Target Name	Src
Modification	Phospho
Other Names	p60-Src; c-Src; pp60c-src;
Accession No.	Swiss-Prot#: P12931; NCBI Gene#: 6714; NCBI Protein#: NP_005408.1
SDS-PAGE MW	60kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

## Application Details

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from COLO205 tissue using Src (Phospho-Ser75) antibody #11944. The lane on the right is treated with the antigen-specific peptide.

## Background

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proto-oncogenic cytoplasmic tyrosine kinase of the SRC family. Highly expressed in certain fully differentiated cells such as neurons, platelets and macrophages. Phosphorylation of an activation loop tyrosine activates the enzyme; phosphorylation of a tyrosine in the C-terminus by Csk inhibits the enzyme.

Pan Q, et al. (2011)Cell Mol Life Sci 68, 3425-36 . Kato G, Maeda S (2003) J Biochem (Tokyo) 133, 563-9.

Kato G, Maeda S (1999)J Biochem (Tokyo) 126, 957-61.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.