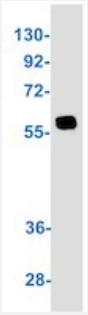
RecomAb™

SRC (phospho Tyr530) recombinant monoclonal antibody, clone R03-8H8

Catalog # RAB01774 Size 100 uL

Applications



Western Blot

Western blot analysis of rat lung lysates with SRC (phospho Tyr530) recombinant monoclonal antibody, clone R03-8H8 (Cat #RAB01774).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SRC.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Tyr529 of human SRC.
Theoretical MW (kDa)	Calculated MW: 60 kD
Reactivity	Rat
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG

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Recommend Usage	Immunoprecipitation (1/20) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- Western Blot

Western blot analysis of rat lung lysates with SRC (phospho Tyr530) recombinant monoclonal antibody, clone R03-8H8 (Cat #RAB01774).

Gene Info — SRC

Entrez GeneID	6714
Protein Accession#	P12931
Gene Name	SRC
Gene Alias	ASV, SRC1, c-SRC, p60-Src
Gene Description	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
Omim ID	190090
Gene Ontology	Hyperlink
Gene Summary	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 ge ne is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinas e. Mutations in this gene could be involved in the malignant progression of colon cancer. Two tran script variants encoding the same protein have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000174476|OTTHUMP00000174477|proto-oncogene tyrosine-protein kinase SRC| protooncogene SRC, Rous sarcoma|tyrosine kinase pp60c-src|tyrosine-protein kinase SRC-1

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Pathway

- Adherens junction
- Endocytosis
- Epithelial cell signaling in Helicobacter pylori infection
- ErbB signaling pathway
- Focal adhesion
- Gap junction
- GnRH signaling pathway
- Tight junction
- VEGF signaling pathway

Disease

- Genetic Predisposition to Disease
- HIV Infections
- Thyroid Neoplasms

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