

RecomAb™

SRC recombinant monoclonal antibody, clone R05-7H8

Catalog # RAB01895 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane1: C6 and Lane2: 3T3 lysates with SRC recombinant monoclonal antibody, clone R05-7H8 (Cat # RAB01895).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SRC.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human SRC.
Theoretical MW (kDa)	Calculated MW: 60 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) 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 should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane1: C6 and Lane2: 3T3 lysates with SRC recombinant monoclonal antibody, clone R05-7H8 (Cat # RAB01895).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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 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]

Other Designations

OTTHUMP00000174476|OTTHUMP00000174477|proto-oncogene tyrosine-protein kinase SRC|protooncogene SRC, Rous sarcoma|tyrosine kinase pp60c-src|tyrosine-protein kinase SRC-1

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](#)