

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

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human SRC.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against a synthetic peptide corresponding to human SRC.
<b>Theoretical MW (kDa)</b>	Calculated MW: 60 kD
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	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](#)