Anti-SRC Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

Catalog # M014380

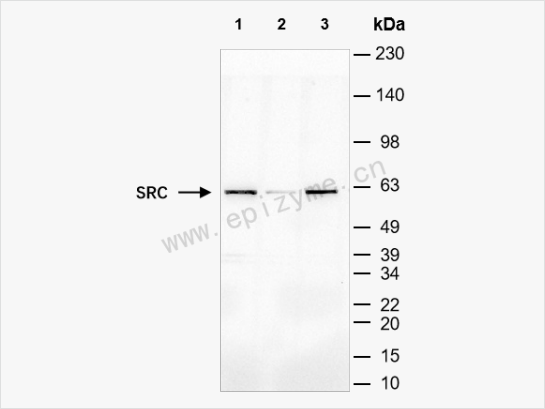
Product Information

Application	WB, ELISA
Reactivity	Human, Rat
Dilution	WB 1:1,000~1:2,000
Host	Mouse
Clonality	Monoclonal
Clone No.	69D77P19
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human SRC
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SRC Mouse mAb [69D77P19] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ASV, Avian sarcoma virus, AW259666, c SRC, CDNA FLJ14219 fis clone NT2RP3003800 highly similar to Rattus norvegicus tyrosine protein kinase pp60 c src mRNA, cSrc, EC 2.7.10.2, Neuronal CSRC tyrosine specific protein kinase, Neuronal proto-oncogene tyrosine-protein kinase Src, Neuronal SRC, Oncogene SRC, OTTHUMP00000174476, OTTHUMP00000174477, p60 Src, p60-Src, p60c-src, p60Src, pp60c src, pp60c-src, pp60csrc, Proto oncogene tyrosine protein kinase Src, Proto-oncogene c-Src, Proto-oncogene tyrosine-protein kinase Src, Protooncogene SRC, Protooncogene SRC Rous sarcoma, Src, SRC Oncogene, SRC proto oncogene non receptor tyrosine kinase, SRC_HUMAN, SRC1, Tyrosine kinase pp60c src, Tyrosine protein kinase SRC 1, Tyrosine protein kinase SRC1, v src avian sarcoma (Schmidt Ruppin A2) viral oncogene homolog, V src sarcoma (Schmidt Ruppin A 2) viral oncogene homolog (avian), v src sarcoma (Schmidt Ruppin A 2) viral oncogene homolog avian.
Calculated MW	Calculated MW: 60 kDa; Observed MW: 60 kDa
Uniprot ID	P12931
Gene ID	6714
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.
Cellular Location	Cell membrane. Mitochondrion inner membrane.

Validation Images



Western Blot - Anti-SRC Mouse mAb [69D77P19]
All lanes: M014380 at 1:1,000 dilution
Lane 1: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 3: A431 (Human epidermoid teratoma cell line) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Mouse IgG(H+L), HRP Conjugated (Cat. No. LF101) at 1:5,000 dilution
Predicted band size: 60 kDa
Observed band size: 60 kDa
Developed using the ECL technique (Cat. No. SQ201).