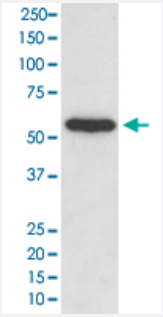
SRC monoclonal antibody, clone III-19

Catalog # MAB20741 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with SRC monoclonal antibody, clone III-19 (Cat # MAB20741).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human SRC.
Immunogen	A synthetic peptide corresponding to human SRC.
Host	Rabbit
Theoretical MW (kDa)	59.835
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. 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

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Western Blot (Cell lysate)

  Western Blot analysis of HeLa cell lysate with SRC monoclonal antibody, clone III-19 (Cat # MAB20741).

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

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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

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