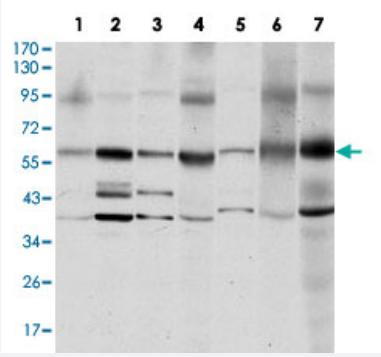
SRC monoclonal antibody, clone 1F11

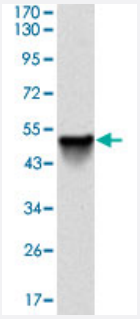
Catalog # MAB10395 Size 100 uL

Applications



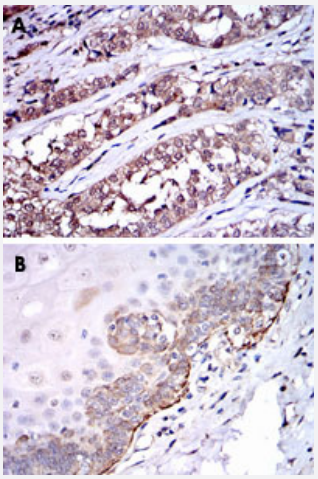
Western Blot (Cell lysate)

Western blot analysis of SRC monoclonal antobody, clone 1F11 (Cat # MAB10395) against MCF-7 (1), A-431 (2), HeLa (3), HEK293 (4), NIH/3T3 (5), PC-12 (6) and COS-7 (7) cell lysate.



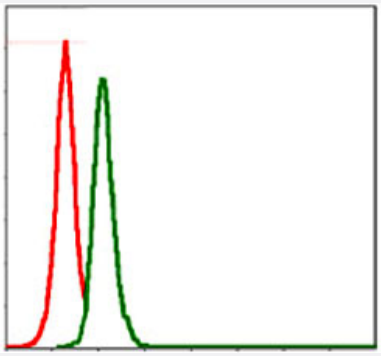
Western Blot (Recombinant protein)

Western blot analysis using SRC monoclonal antobody, clone 1F11 (Cat # MAB10395) against human SRC (aa 1-189) recombinant protein. (Expected MW is 47.8 kDa).



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

Immunohistochemical analysis of paraffin-embedded human bladder cancer (A) and human esophageal (B) tissue using SRC monoclonal antobody, clone 1F11 (Cat # MAB10395) with DAB staining.



Flow Cytometry

Flow cytometric analysis of MCF-7 cells using SRC monoclonal antobody, clone 1F11 (Cat # MAB10395) (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant SRC.
Immunogen	Recombinant protein corresponding to human SRC.
Host	Mouse
Theoretical MW (kDa)	60
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) Flow cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

  Flow cytometric analysis of MCF-7 cells using SRC monoclonal antobody, clone 1F11 (Cat # MAB10395) (green) and negative control (red).

Gene Info — SRC

Entrez GeneID	6714
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