

## Product datasheet for **AM06700SU-N**

### **SRC Mouse Monoclonal Antibody [Clone ID: 1F11]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	1F11
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/10000. <b>Flow Cytometry:</b> 1/200-1/400. <b>Western Blot:</b> 1/500-1/2000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/200-1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human SRC expressed in <i>E. Coli</i> .
Specificity:	This antibody recognizes Human SRC. Other species not tested.
Formulation:	State: Ascites State: Liquid Ascitic fluid Preservative: 0.03% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	60 kDa
Gene Name:	SRC proto-oncogene, non-receptor tyrosine kinase
Database Link:	<a href="#">Entrez Gene 6714 Human P12931</a>



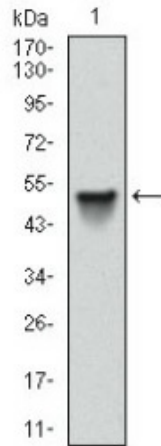
[View online »](#)

**Background:**

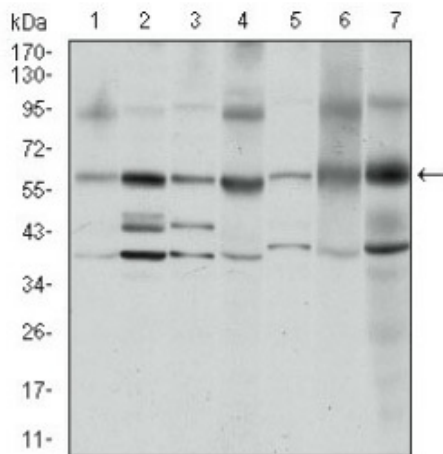
This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations 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.

**Synonyms:**

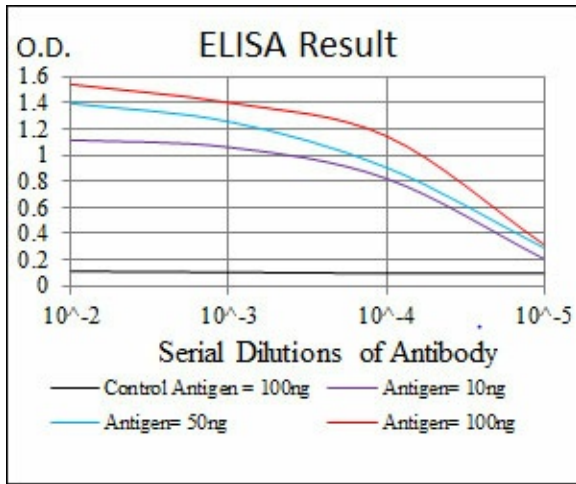
c-Src, pp60c-src

**Product images:**


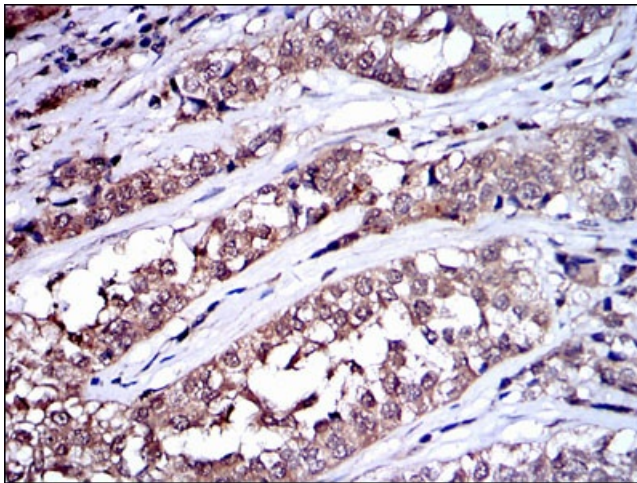
Western blot analysis using SRC mAb against Human SRC (AA: 1-189) recombinant protein. (Expected MW is 47.8 kDa)



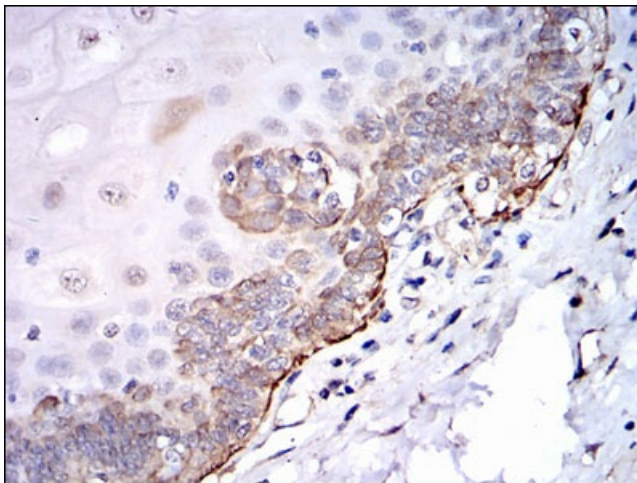
Western blot analysis using SRC Mouse mAb against MCF-7 (1), A431 (2), HeLa (3), HEK293 (4), NIH/3T3 (5), PC-12 (6) and Cos7 (7) cell lysate.



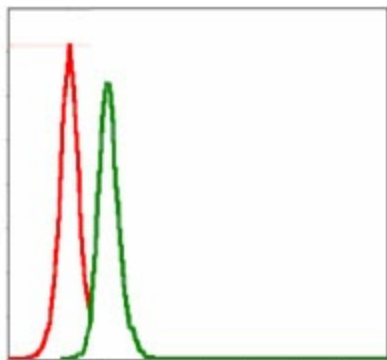
Red: Control Antigen (100ng) Purple: Antigen (10ng) Green: Antigen (50ng) Blue: Antigen (100ng)



Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using SRC Mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded esophageal tissues using SRC Mouse mAb with DAB staining.



Flow cytometric analysis of MCF-7 cells using SRC mouse mAb (green) and negative control (red).