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Product datasheet for AM11074PU-N

SRC Mouse Monoclonal Antibody [Clone ID: 17AT28]

Product data:

Product Type:	Primary Antibodies
Clone Name:	17AT28
Applications:	IHC, IP, WB
Recommended Dilution:	ELISA: 1/1,000 Western blotting: 1/100-1/500 Immunohistochemistry: 1/50-1/100 Immunoprecipitation: 2 ug/test.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	This antibody is generated from mouse immunized with a recombinant protein of full length human SRC.
Specificity:	This antibody is specific to Src.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody 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.
Gene Name:	SRC proto-oncogene, non-receptor tyrosine kinase
Database Link:	Entrez Gene 6714 Human P12931

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Background: The gene for SRC 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. SRC, the protein encoded by this gene, is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in SRC could be involved in the malignant progression of colon cancer.

Synonyms: c-Src, pp60c-src

Product images:

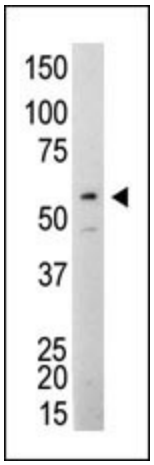

Figure 1. Western blot analysis using anti-Src Mab to detect Src in Jurkat cell lysate.

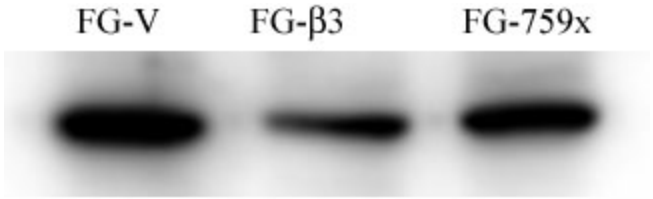

Figure 2. FG Pancreatic Carcinoma Cell Lines stably expressing vector along (FG-V) the b3 integrin subunit (FG-b3) or a b3 truncation mutant (FG-759x). Src Mab was diluted 1:500 in 1% BSA/TBST and incubated Overnight at 4°C. After washing 3x 5 min. with TBST the blots were incubated with 1:5000 Goat anti-mouse or Goat anti-rabbit secondary antibody for 1 hr at Room temperature. The blots were again washed 3x 5 min. with TBST and developed using ECL reagent. Data and protocol kindly provided by Dr. Weis of Cheresh Lab, UCSD.