

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects endogenous human, mouse and rat Src in Western blots.
Source	Monoclonal Mouse IgG _{2A} Clone # 327537
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Src Met1-Ala79 Accession # P12931
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

The Src family of proteins are intracellular tyrosine kinases involved in cell proliferation, differentiation, motility, and survival. Src family activity is regulated by tyrosine phosphorylation at two sites with opposing effects. Autophosphorylation in the activation loop of the kinase domain (Y419 of human Src) upregulates the enzyme, while phosphorylation in the C-terminal tail (Y530 of human Src) downregulates activity.

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