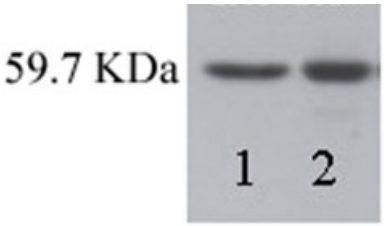
Product Data Sheet: Src

Cat. No:	MAB-90164
Size:	100 ug
Clone:	327
Concentration:	1mg/ml
Host:	Ms
Isotype:	IgG1
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 2,5 ug/ml Immunoprecipitation: 3 ug/1 mg of cell extract.
Purification:	Purified
Background:	Non-receptor protein tyrosine kinase that plays pivotal roles in numerous cellular processes such as proliferation, migration, and transformation. In concert with PTK2B, plays an important role in osteoclastic bone resorption. Both the formation of a SRC-PTK2B complex, and SRC kinase activity are necessary for this function. Once it is recruited to the activated integrins, by PTK2B, it phosphorylates CBL which in turn induces the activation and recruitment of phosphatidylinositol 3-kinase to the cell membrane in a signaling pathway that is critical for osteoclast function. Promotes energy production in osteoclasts by activating mitochondrial cytochrome C oxidase. Phosphorylates RUNX3 and COX2 on tyrosine residues, TNK2 on 'Tyr-284' and CBL on 'Tyr-731'. Enhances DDX58/RIG-I-elicited antiviral
Form:	Liquid
Buffer:	100 ug/ml of purified antibody in PBS. The antibody contains 0.05% sodium azide as preservative. At this concentration azide is toxic to most cellular systems. If necessary, it can be removed prior to use by dialysis using an appropriate buffer.
Storage:	The antibody can be stored at + 4°C in small aliquots. Store at -20°C for long term. Avoid freeze and thaw cycles.



All lanes : Anti-SRC antibody [Clone 327] at 2.5 µg/ml
Lane 1 : Whole cell lysate prepared from human MCF-7 cells (Untreated)
Lane 2 : Whole cell lysate prepared from human MCF-7 cells (Treated with 10uM PP2)
Secondary
All lanes : HRP conjugated Donkey polyclonal to mouse Ig at 1/5000 dilution
Developed using the ECL technique.
Performed under reducing conditions.
Predicted band size: 59.7 kDa

Exposure time: 3 minutes