

For Research Use Only

CoraLite®594-conjugated c-SRC Monoclonal antibody



Catalog Number: **CL594-60315**

1 Publications

Basic Information

Catalog Number: CL594-60315	GenBank Accession Number: BC011566	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6714	CloneNo.: 5E10C4
Source: Mouse	Full Name: v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 60 kDa	Excitation/Emission maximum wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG22306	Observed MW: 60 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : MCF-7 cells, human breast cancer tissue
Cited Applications: IF	
Species Specificity: human, hamster, mouse	
Cited Species: human	

Background Information

SRC, also named as SRC1 and p60-Src, belongs to the protein kinase superfamily, Tyr protein kinase family and SRC subfamily. It is a non-receptor protein tyrosine kinase that plays pivotal roles in numerous cellular processes such as proliferation, migration, and transformation. In concert with PTK2B, SRC plays an important role in osteoclastic bone resorption. It promotes energy production in osteoclasts by activating mitochondrial cytochrome C oxidase.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhenzhen Pan	35303882	Mol Cancer	IF

Storage

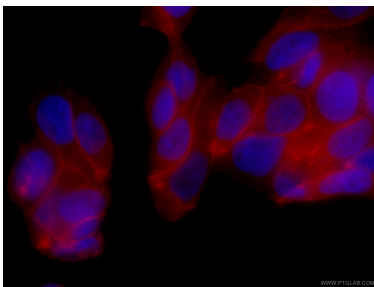
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

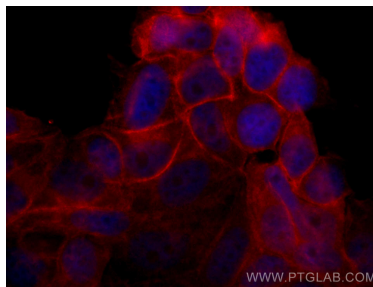
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

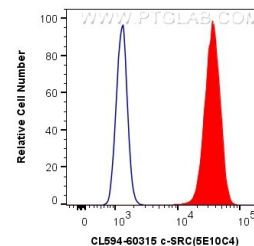
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CL594-60315 (c-SRC antibody) at dilution of 1:100.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® 594 c-SRC antibody (CL594-60315, Clone: 5E10C4) at dilution of 1:200.



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human c-SRC (CL594-60315, Clone: 5E10C4) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL594-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).