

For Research Use Only

CoraLite® Plus 488-conjugated c-SRC Monoclonal antibody



Catalog Number: CL488-60315

Basic Information

Catalog Number: CL488-60315	GenBank Accession Number: BC011566	Purification Method: Protein A purification
Size: 100ul , Concentration: 2000 µg/ml by Nanodrop;	GeneID (NCBI): 6714	CloneNo.: 5E10C4
Source: Mouse	Full Name: v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	Excitation/Emission maximum wavelengths: 493 nm / 522 nm
Isotype: IgG2b	Calculated MW: 60 kDa	
Immunogen Catalog Number: AG22306	Observed MW: 60 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, hamster, mouse

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.

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.

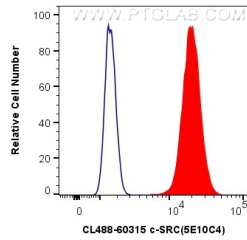
Aliquoting is unnecessary for -20°C storage

*** 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



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human c-SRC (CL488-60315, Clone:5E10C4) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).