

For Research Use Only

CoraLite® Plus 488-conjugated CSK Monoclonal antibody

Catalog Number: CL488-66115



Basic Information

Catalog Number:

CL488-66115

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG12103

GenBank Accession Number:

BC106073

GeneID (NCBI):

1445

UNIPROT ID:

P41240

Full Name:

c-src tyrosine kinase

Calculated MW:

450 aa, 50 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

3B12C5

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : HeLa cells,

Background Information

CSK(Tyrosine-protein kinase CSK) is also named as C-Src kinase, protein-tyrosine kinase CYL and belongs to the protein kinase superfamily. Csk is a non-receptor tyrosine kinase with a molecular mass of 50 kDa. It contains the SH3 and SH2 domains in its N-terminus and a kinase domain in its C-terminus. It negatively regulates the kinase activity of SFKs and plays an important role in physiological functions via signaling pathways for cell proliferation, differentiation, adhesion, and migration(PMID:23548896). Csk may play a role in tumor suppression by inhibiting the oncogenic activity of SFKs. Indeed, overexpression of Csk can inhibit tumor growth of human colon cancer cells(PMID:23139636). This protein can be autophosphorylated(PMID:11181701).

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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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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 (-20°C Ethanol)
fixed HeLa cells using CoraLite® Plus 488 CSK
antibody (CL488-66115, Clone: 3B12C5) at dilution
of 1:200.