

For Research Use Only

CoraLite®594-conjugated FRS2 Monoclonal antibody

Catalog Number:CL594-66263



Basic Information

Catalog Number:

CL594-66263

Size:

100ul , Concentration: 1000 ug/ml by
Nanodrop;

Source:

Mouse

Isotype:

IgG3

Immunogen Catalog Number:

AG19299

GenBank Accession Number:

BC021562

GeneID (NCBI):

10818

UNIPROT ID:

Q8WU20

Full Name:

fibroblast growth factor receptor
substrate 2

Calculated MW:

60 kDa

Observed MW:

68 kDa

Purification Method:

Protein A purification

CloneNo.:

4E10H12

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : MCF-7 cells,

Background Information

Fibroblast growth factor (FGF) receptor substrate 2 (FRS2) has an alternative name as SNT-1, it is an adaptor protein that links activated FGR and NGF receptors to downstream signaling pathways. FGF receptor substrates (FRS2 and FRS3) are key adaptor proteins that mediate FGF-FGFR signalling in benign as well as malignant tissue. FRS2 is a 508 amino-acid protein, which is phosphorylated on tyrosine residues. The molecular weight of non-phosphorylated FRS2 is 57-68 kDa, but phosphorylated FRS2 is 80-90 kDa. Phosphorylation of FRS2 is associated with activation of a number of MAP kinases. Allele-specific regulation of FGFR2 mRNA expression with a mildly increased breast cancer risk has been reported.

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

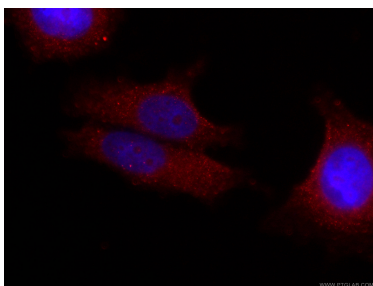
For technical support and original validation data for this product please contact:

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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 MCF-7 cells using CL594-66263 (FRS2 antibody) at dilution of 1:100.