

For Research Use Only

CoraLite®594-conjugated NRG1, isoform SMDF Monoclonal antibody

Catalog Number:CL594-66492



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL594-66492	BC007675	Protein G purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	3084	2C6D12
Source:	UNIPROT ID:	Recommended Dilutions:
Mouse	Q02297	IF/ICC 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG1	neuregulin 1	588 nm / 604 nm
Immunogen Catalog Number:	Calculated MW:	
AG0803	70 kDa	
	Observed MW:	
	70 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : MCF-7 cells,
Species Specificity:	
Human, pig, mouse, rat	

Background Information

Neuregulin 1 (NRG1) is a trophic factor that has been implicated in neural development, neurotransmission, and synaptic plasticity. NRG1 has multiple isoforms that are generated by usage of different promoters and alternative splicing of a single gene. NRG1 and its receptor ErbB tyrosine kinase are expressed not only in the developing nervous system, but also in the adult brain. The antibody is specific to NRG1 isoform SMDF.

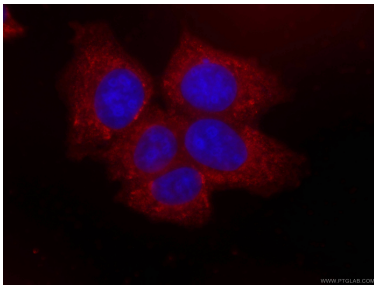
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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 CL594-66492 (NRG1, isoform SMDF antibody) at dilution of 1:100.