

For Research Use Only

CoraLite®594-conjugated NRG1 Monoclonal antibody



Catalog Number: CL594-66492

Basic Information

Catalog Number: CL594-66492	GenBank Accession Number: BC007675	Purification Method: Protein G purification
Size: 100UL, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3084	CloneNo.: 2C6D12
Source: Mouse	Full Name: neuregulin 1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 32 kDa	Excitation/Emission maxima wavelengths: 593 nm/614 nm
Immunogen Catalog Number: AG0803	Observed MW: 70 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : 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.

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

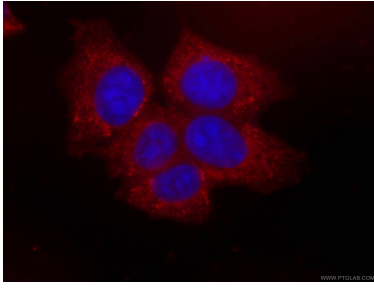
For technical support and original validation data for this product please contact:

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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 CL594-66492 (NRG1 antibody) at dilution of 1:100.