Product Datasheet

Pro-Neuregulin 1 Polyclonal Antibody Cy5.5 Conjugated

Catalog No: #C03720Cy5.5



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Product NamePro-Neuregulin 1 Polyclonal Antibody Cy5.5 ConjugatedHost SpeciesRabbitClonalityPolyclonalIsotypeIgGPurificationPurified by Protein A.ApplicationsIF(IHC-P)Species ReactivityHu Ms RtImmunogen DescriptionKLH conjugated synthetic peptide aa 250-300 640 derived from human Pro-Neuregulin 1ConjugatesCy5.5Target NameGGF; HGL; HRG; NDF; ARIA; GGF2; HRG1; HRGA; SMDF; MST131; MSTP131; NRG1-IT2; Pro-neuregulin-1, membrane-bound isoform; Pro-NRG1; NRG1Accession No.Swiss-Prot#:202297NCBI Gene ID:3084Cell LocalizationImg mlFornulationAqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.StorageStorage	Description	
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Formulation Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.	Cell Localization	Cytoplasm
1	Concentration	1mg ml
Storage Store at 4C for 12 months.	Formulation	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
	Storage	Store at 4C for 12 months.

Application Details

IF:1:50-200

Background

Direct ligand for ERBB3 and ERBB4 tyrosine kinase receptors. Concomitantly recruits ERBB1 and ERBB2 coreceptors, resulting in ligand-stimulated tyrosine phosphorylation and activation of the ERBB receptors. The multiple isoforms perform diverse functions such as inducing growth and differentiation of epithelial, glial, neuronal, and skeletal muscle cells; inducing expression of acetylcholine receptor in synaptic vesicles during the formation of the neuromuscular junction; stimulating lobuloalveolar budding and milk production in the mammary gland and inducing differentiation of mammary tumor cells; stimulating Schwann cell proliferation; implication in the development of the myocardium such as trabeculation of the developing heart. Isoform 10 may play a role in motor and sensory neuron development.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.