

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human NRG1 Isoform GGF2 in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant human (rh) NRG-1α EGF domain, rhNRG1-β1 extracellular domain, rhNRG1-β1 EGF domain, rhSMDF, and recombinant mouse
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human NRG1 Isoform GGF2 Gly51-Cys248 Accession # NP_039256
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

By alternative splicing, the Neuregulin 1 gene encodes at least 10 secreted or membrane-bound proteins, all of which contain an EGF-like domain. Neuregulin 1 isoforms bind and signal via the ErbB family of receptor tyrosine kinases. Isoform GGF2 contains a unique kringle-like domain, plus Ig and EGF-like domains that are also present in multiple Neuregulin 1 isoforms.

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