

Heregulin-β2/Neuregulin-1 Antibody

CATALOG NO: 6645-30T 30 µg (Trial size)
6645-100 100 µg

ALTERNATE NAMES: Neuregulin-1, NRG1, GGF, HGL, HRGA, NDF, SMDF, HRG, ARIA, GGF2, HRG1

HOST: Rabbit

ISOTYPE: IgG

IMMUNOGEN: Recombinant protein Heregulin-β2 (177-237 aa) (BV-M69)

PURIFICATION: Affinity purified rabbit IgG

FORM: Liquid

FORMULATION: 100 µg (0.5 mg/ml) of antibody in PBS pH 7.2 containing 0.01% BSA, 0.01% thimerosal, and 50% glycerol

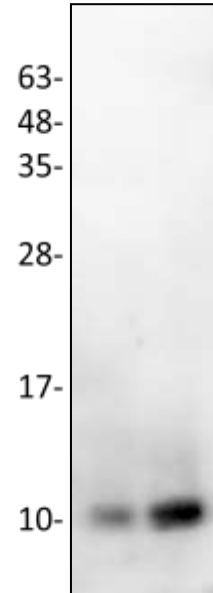
SPECIES REACTIVITY: Human.

STORAGE CONDITIONS: Store for 1 year at -20°C from date of shipment. Avoid repeated freeze/thaw cycles.

DESCRIPTION: Neuregulin/Heregulin is a family of structurally related polypeptide growth factors derived from alternatively spliced genes (NRG1, NRG2, NRG3 and NRG4). To date, there are over 14 soluble and transmembrane proteins derived from the NRG1 gene. Proteolytic processing of the extracellular domain of the transmembrane NRG1 isoforms release soluble growth factors. HRG-β2 is a signaling protein for ErbB2/ErbB4 receptor on the cardiac muscle cells. The polypeptide is comprised of an immunoglobulin and epidermal growth factor-like (EGF-like) domains.

APPLICATION: Western blot: ~1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot with Heregulin-β2 antibody

Lane 1: Heregulin-β2 (177-237) 10ng.
Lane 2: Heregulin-β2 (177-237) 50ng.

RELATED PRODUCTS:

- Heregulin-β2 (HRG2β), Human Recombinant (**Cat. No. 4730-10, -50, -1000**)
- Heregulin-1β (NRG-1β/HRG-1β), human recombinant (**Cat. No. 4711-10, -50, -1000**)

FOR RESEARCH USE ONLY! Not to be used on humans.

