

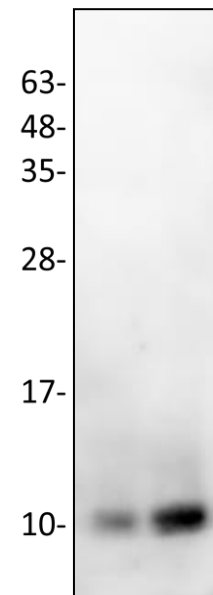
Heregulin- β 2/Neuregulin-1 Antibody

ALTERNATE NAMES:	Neuregulin-1, NRG1, GGF, HGL, HRGA, NDF, SMDF, HRG, ARIA, GGF2, HRG1
CATALOG #:	6645-100
AMOUNT:	100 μ g
HOST:	Rabbit
ISOTYPE:	IgG
IMMUNOGEN:	Recombinant protein Heregulin- β 2 (177-237 aa) (BV-M69)
PURIFICATION:	Affinity purified rabbit IgG
FORM:	Liquid
FORMULATION:	100 μ g (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- β 2 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- β 2 antibody.
Lane 1: Heregulin- β 2 (177-237) 10ng.
Lane 2: Heregulin- β 2 (177-237) 50ng.

RELATED PRODUCTS:

- Heregulin- β 2 (HRG2 β), Human Recombinant (**Cat. No. 4730-10, -50, -1000**)
- Heregulin-1 β (NRG-1 β /HRG-1 β), human recombinant (**Cat. No. 4711-10, -50, -1000**)

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