Mouse anti-Human NRG1 Beta 1 Monoclonal Antibody | anti-NRG1 antibody

Anti-NRG1 Beta 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254136	**Mouse**	**Human**	**Western Blot**

PRODUCT SYNONYMS

NRG1 Beta 1; Monoclonal Antibody; Anti-NRG1 Beta 1 Antibody; NRG1-beta 1 Antibody; Mouse MAb; neuregulin 1; Anti-ARIA Antibody; Anti-GGF Antibody; Anti-GGF2 Antibody; Anti-HGL Antibody; Anti-HRG Antibody; Anti-HRG1 Antibody; Anti-HRGA Antibody; Anti-MST131 Antibody; Anti-MSTP131 Antibody; Anti-NDF Antibody; Anti-Neuregulin 1 Antibody; Anti-NRG1-IT2 Antibody; Anti-SMDF Antibody; anti-NRG1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Number	03
Specificity	Human NRG1-beta 1. No cross-reactivity in WB with Human NRG1-alpha
Purity/Purification	Protein A
Form/Format	0.2um filtered solution in PBS
Applicable Applications for anti-NRG1 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the human NRG1 isoform beta 1
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, a synthetic peptide corresponding to the center region of the human NRG1 isoform beta 1. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

ADDITIONAL INFORMATION

References	Nicodemus KK, et al. (2010) Biological validation of increased schizophrenia risk with NRG1, ERBB4, and AKT1 epistasis via functional neuroimaging in healthy controls. Arch Gen Psychiatry. 67 (10): 991-1001.Tan W, et al. (2007) Molecular cloning of a brain-specific, developmentally regulated neuregulin 1 (NRG1) isoform and identification of a functional promoter variant associated with schizophrenia. J Biol Chem. 282 (33): 24343-51.Holmes WE, et al. (1992) Identification of heregulin, a specific activator of p185erbB2. Science. 256 (5060): 1205-10.

NCBI AND UNIPROT INFORMATION

NCBI GI #	236461509
NCBI GeneID	3084

NCBI Accession #	NP_001153467.1
NCBI GenBank Nucleotide #	NM_001159995.1
UniProt Accession #	Q02297; O14667; P98202; Q02298; Q02299; Q07110; Q07111; A5YAK4; A5YAK5; A8K1L2; B7Z4Z3; E9PHH4
NCBI Official Full Name	pro-neuregulin-1, membrane-bound isoform isoform HRG-beta1c
NCBI Official Synonym Full Names	neuregulin 1
NCBI Official Symbol	NRG1
NCBI Official Synonym Symbols	GGF; HGL; HRG; NDF; ARIA; GGF2; HRG1; HRGA; SMDF; MST131
NCBI Protein Information	pro-neuregulin-1, membrane-bound isoform; MSTP131; pro-NRG1; glial growth factor; neu differentiation factor; neuregulin 1 type IV beta 3; neuregulin 1 type IV beta 1a; sensory and motor neuron derived factor; heregulin, alpha (45kD, ERBB2 p185-activator)
UniProt Protein Name	Pro-neuregulin-1, membrane-bound isoform
UniProt Gene Name	**NRG1**
UniProt Synonym Gene Names	GGF; HGL; HRGA; NDF; SMDF; Pro-NRG1; ARIA; HRG
UniProt Entry Name	NRG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/nrg1-beta-1-antibody-clone-03-western-blot-elisa/254136