

## Product datasheet for **TA815270**

### NRG1 Mouse Monoclonal Antibody [Clone ID: OTI2C3]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2C3
Applications:	WB
Recommended Dilution:	WB 1:5000
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment of human NRG1 (NP_039258) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70.2 kDa
Gene Name:	neuregulin 1
Database Link:	<a href="#">NP_039258</a> <a href="#">Entrez Gene 112400 Rat</a> <a href="#">Entrez Gene 3084 Human</a> <a href="#">Q02297</a>



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**Background:**

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein and is similar in sequence to its family member CD53 antigen. It is known to complex with integrins and other transmembrane 4 superfamily proteins. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

**Synonyms:**

ARIA; GGF; GGF2; HGL; HRG; HRG1; HRGA; MST131; MSTP131; NDF; NRG1-IT2; SMDF

**Protein Families:**

Druggable Genome, Secreted Protein, Transcription Factors, Transmembrane

**Protein Pathways:**

ErbB signaling pathway

**Product images:**
