

Product datasheet for **DM3592P**

Rtn4r Rat Monoclonal Antibody [Clone ID: 3D66]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3D66
Applications:	WB
Recommended Dilution:	Western Blot: 1/500-1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Purified Mouse Recombinant Nogo receptor extracellular domain
Specificity:	This antibody detects Mouse Nogo receptor. Other species not tested.
Formulation:	PBS State: Purified State: Lyophilized (0.2 µm filtered) purified IgG fraction of the Culture Supernatant Stabilizer: None
Reconstitution Method:	Restore with 200 µl sterile PBS and the final concentration is 500 µg/ml.
Purification:	Protein A/G Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -70°C. Following reconstitution store the antibody (in aliquots) at -20°C for 6 month. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	reticulon 4 receptor
Database Link:	Entrez Gene 65079 Mouse Q99PI8



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Background:

Nogo Receptor mediates axonal growth inhibition and may play a role in regulating axonal regeneration and plasticity in the adult central nervous system. It is also a receptor for Nogo A (RTN4), OMG and MAG.

Nogo Receptor (Nogo R, NgR), also named reticulon 4 receptor, is a glycosylphosphatidylinositol (GPI)-anchored protein that belongs to the family of leucine-rich repeat (LRR) proteins. It is expressed predominantly in the central nervous systems on neurons and their axons.

Synonyms:

Reticulon-4 receptor, Nogo receptor, RTN4R, NOGOR