



20170419BB

Anti-Human Nogo Receptor (#6H43)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M589
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of Nogo R extracellular domain.

Target Background

Synonyms (Target):	RTN4R; NGR; NOGOR
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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.

Database References Target

Protein RefSeq:	NP_612468.1
Uniprot ID:	Q96E22
mRNA RefSeq:	NM_138459.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#6H43)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	recombinant human Nogo R extracellular domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human Nogo Receptor.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!