

## Nogo B Rabbit mAb

Catalog No: #49653



Package Size: #49653-1 50ul #49653-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

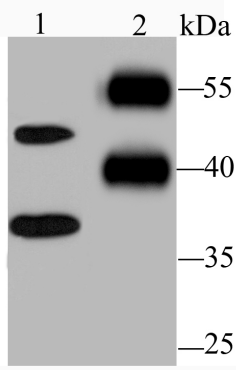
## Description

Product Name	Nogo B Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP, FC
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Other Names	1110020G17Rik antibody AA407876 antibody AA409940 antibody AA960376 antibody ASY antibody C130026I10Rik antibody Foccen antibody Glut4 vesicle 20 kDa protein antibody Human NogoA antibody Kiaa0886 antibody KIAA4153 antibody MGC116054 antibody MGC139261 antibody mKIAA0886 antibody mKIAA4153 antibody My043 protein antibody Nbla00271 antibody Nbla10545 antibody Neurite growth inhibitor 220 antibody Neurite Growth Inhibitor 220, included antibody Neurite outgrowth inhibitor antibody Neuroendocrine-specific protein antibody Neuroendocrine-specific protein C homolog antibody NI-250 antibody NI220/250 antibody Nogo A antibody NOGO antibody Nogo B antibody Nogo C antibody Nogo protein antibody NOGOC antibody NSP antibody NSP-CL antibody rat N antibody Reticulon 4 antibody Reticulon 5 antibody Reticulon-4 antibody Reticulon-5 antibody RTN X antibody RTN-x antibody Rtn4 antibody Rtn4 reticulon 4 antibody RTN4-A antibody RTN4-B1 antibody RTN4-B2 antibody RTN4-C antibody RTN4_HUMAN antibody Vp20 antibody
Accession No.	Swiss-Prot#:Q9NQC3
Uniprot	Q9NQC3
GeneID	57142;
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

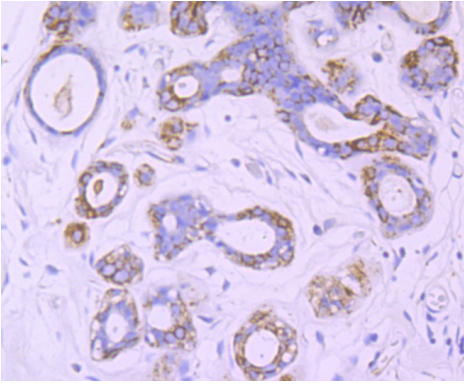
## Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC/IF: 1:50-1:200 IP: 1:10-1:50 FC: 1:50-1:100

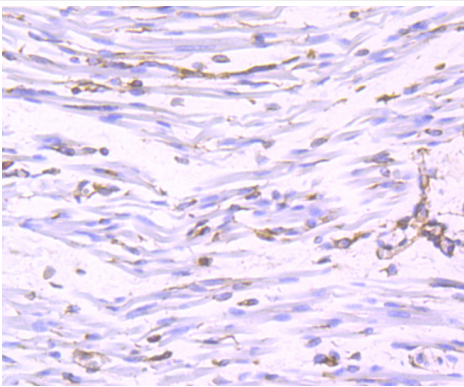
## Images



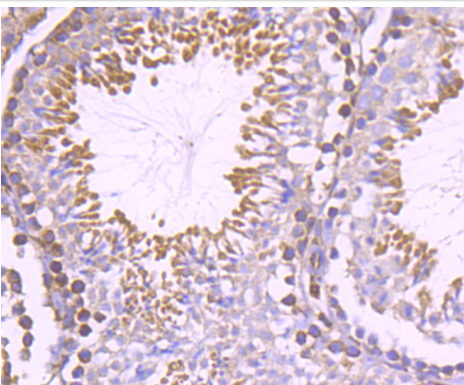
Western blot analysis of Nogo on mouse skeletal muscle tissue (1) and Hela cell (2) lysate using anti-Nogo antibody at 1/1,000 dilution.



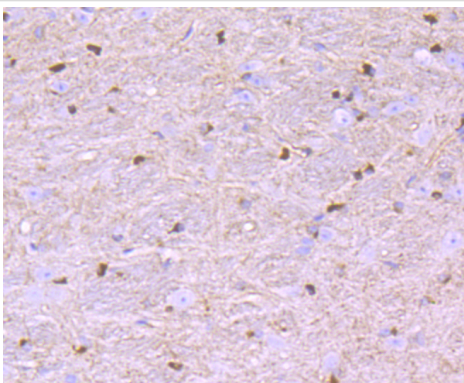
Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-Nogo antibody. Counter stained with hematoxylin.



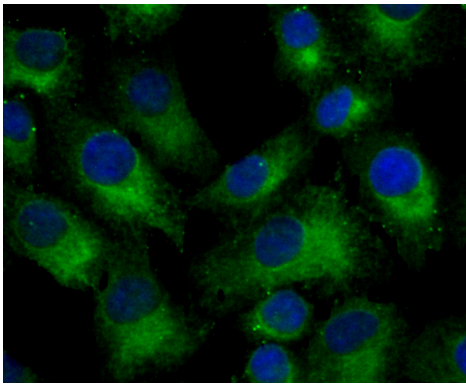
Immunohistochemical analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-Nogo antibody. Counter stained with hematoxylin.



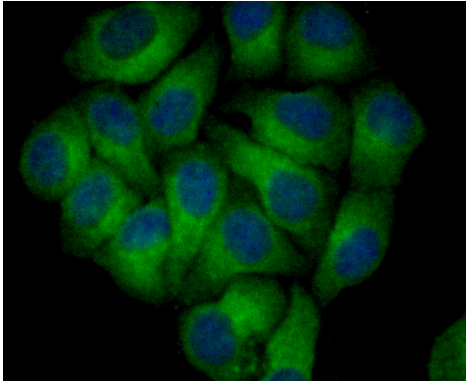
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Nogo antibody. Counter stained with hematoxylin.



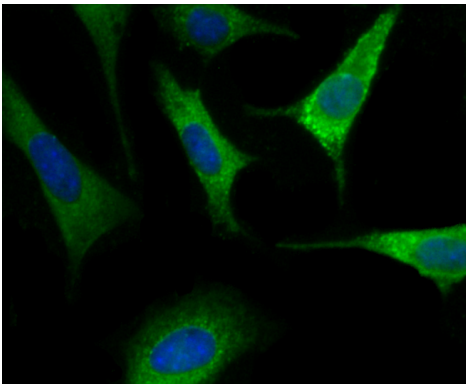
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Nogo antibody. Counter stained with hematoxylin.



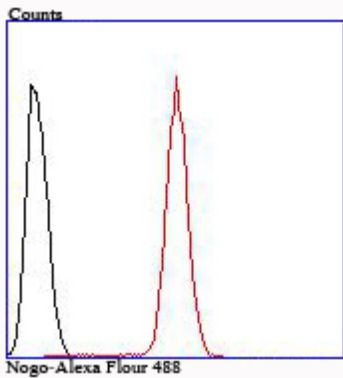
ICC staining Nogo in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Nogo in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Nogo in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HeLa cells with Nogo antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

## Background

Developmental neurite growth regulatory factor with a role as a negative regulator of axon-axon adhesion and growth, and as a facilitator of neurite branching. Regulates neurite fasciculation, branching and extension in the developing nervous system. Involved in down-regulation of growth, stabilization of wiring and restriction of plasticity in the adult CNS. Regulates the radial migration of cortical neurons via an RTN4R-LINGO1 containing receptor complex. Isoform 2 reduces the anti-apoptotic activity of Bcl-xl and Bcl-2. This is likely consecutive to their change in subcellular location, from the mitochondria to the endoplasmic reticulum, after binding and sequestration. Isoform 2 and isoform 3 inhibit BACE1 activity and amyloid precursor protein processing.

## References

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Note: This product is for in vitro research use only