Nogo B Rabbit mAb

Catalog No: #49653

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



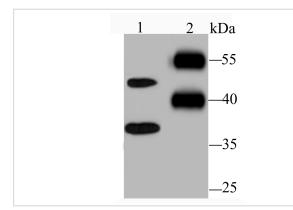
Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

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 Kiaa0886 antibody KIAA4153 antibody Glut4 vesicle 20 kDa protein antibody Human NogoA antibody Kiaa0886 antibody KIAA4153 antibody MGC116054 antibody MGC139261 antibody MRIAA0886 antibody Kiaa0886 antibody Vol43 protein antibody Nbla00271 antibody Neurite growth inhibitor 220 antibody NogoA antibody NOGO antibody Nogo Bantibody Nogo Cantibody Nogo Veuroendocrine-specific protein antibody NOGO antibody Nogo Bantibody Nogo Cantibody Nogo Veuroendocrine-specific protein antibody RTN4_Antibody RTN4_Antibody RTN4_Antibody RTN4_Antibody RTN4_Antibody RTN4_Antibody RTN4_Antibody RTN4_Antibody RTN4_Antibody RTN4_B2 antibody RTN4_C Antibody RTN4_HUMAN antibody Vp20 antibody Swise-Prot#:QSNQC3 Uniprot QSNQC3 QSNQC3 Uniprot OSNGC_SOLUC3 Swise-Prot#:QSNQC3 GeneID 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.	Description	
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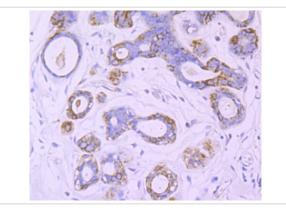
Application Details

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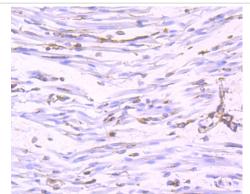
Images



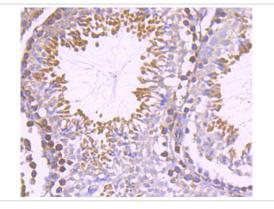
Western blot analysis of Nogo on mouse skeletal muscle tissue (1) and Hela cell (2) lysate using anti-Nogo antibody at 1/1,000 dilution.



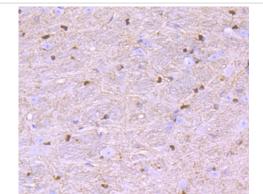
Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-Nogo antibody. Counter stained with hematoxylin.



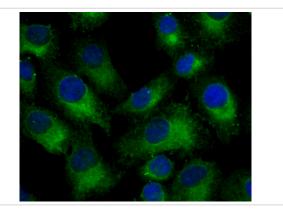
Immunohistochemical analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-Nogo antibody. Counter stained with hematoxylin.



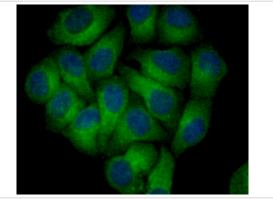
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Nogo antibody. Counter stained with hematoxylin.



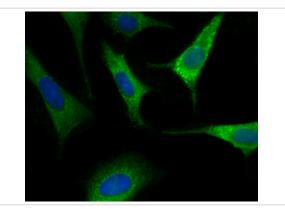
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Nogo antibody. Counter stained with hematoxylin.



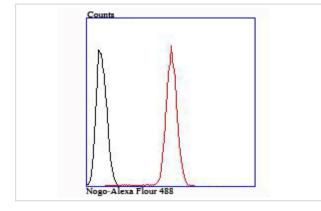
ICC staining Nogo in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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.

Note: This product is for in vitro research use only