Product Datasheet

Nogo Antibody (JM02-34)
NBP2-75595

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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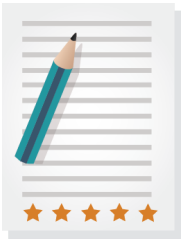


NBP2-75595

Nogo Antibody (JM02-34)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM02-34
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

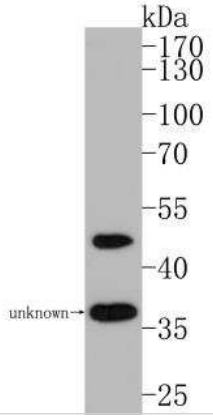
Host	Rabbit
Gene Symbol	RTN4
Species	Human, Mouse
Immunogen	Synthetic peptide within Human Nogo aa 111-160 / 1192. (SwissProt: Q9NQC3 Human; SwissProt: Q99P72 Mouse)

Product Application Details

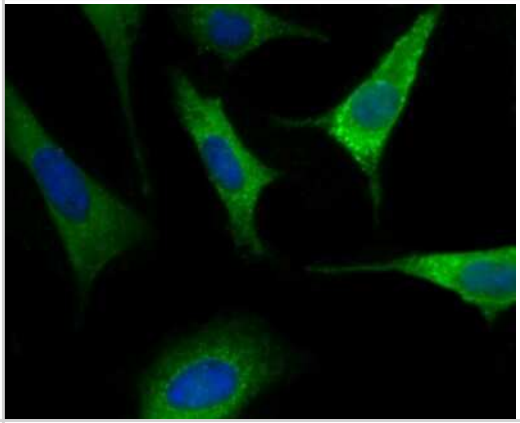
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation 1:10-1:50, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-P, antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes is recommended. For ICC/IF, it is recommended to fix and permeabilize cells with 0.1% Triton X-100 in TBS for 10 minutes at room temperature.

Images

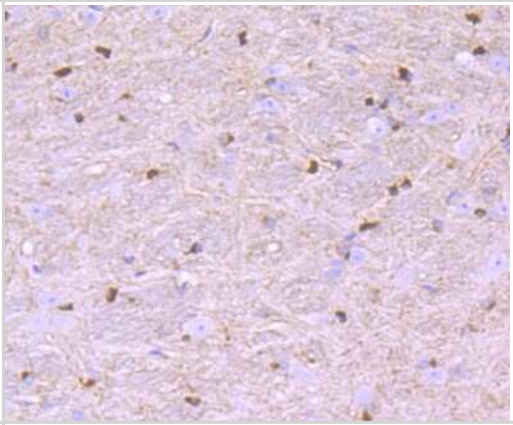
Western Blot: Nogo Antibody (JM02-34) [NBP2-75595] - Western blot analysis of Nogo on mouse skeletal muscle tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody at 1:500 was used in 5% BSA at room temperature for 2 hours. A goat anti-rabbit IgG - HRP secondary antibody at 1:200,000 dilution was used for 1 hour at room temperature.



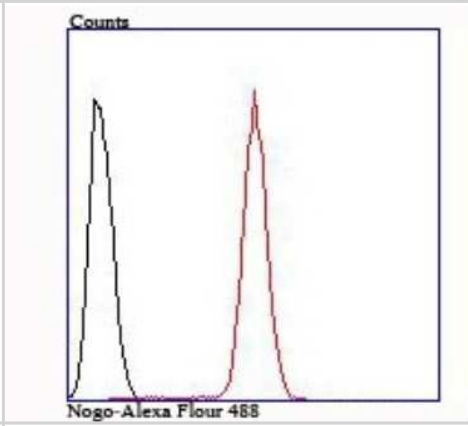
Immunocytochemistry/Immunofluorescence: Nogo Antibody (JM02-34) [NBP2-75595] - Staining Nogo in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



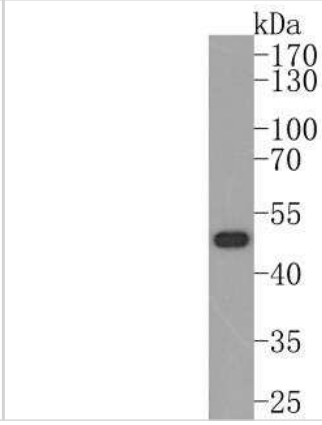
Immunohistochemistry-Paraffin: Nogo Antibody (JM02-34) [NBP2-75595] - Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Nogo antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes.The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1:50 for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



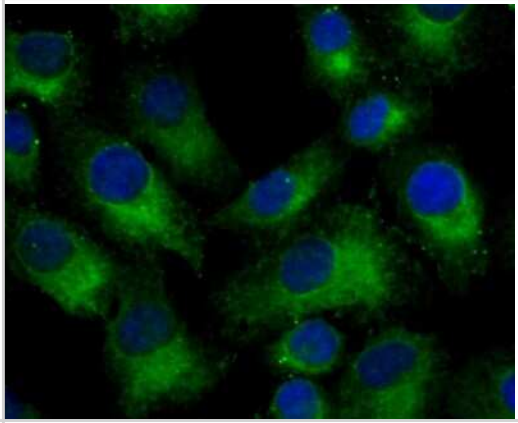
Flow Cytometry: Nogo Antibody (JM02-34) [NBP2-75595] - Flow cytometric analysis of Nogo was done on HeLa cells. The cells were fixed, permeabilized and stained with the primary antibody at 1:50 (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with an Alexa Fluor 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1:1000 dilution for 30 minutes. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



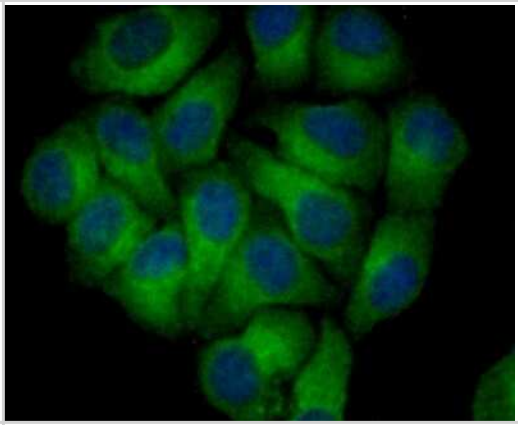
Western Blot: Nogo Antibody (JM02-34) [NBP2-75595] - Western blot analysis of Nogo on HeLa cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody at 1:500 was used in 5% BSA at room temperature for 2 hours. A goat anti-rabbit IgG - HRP secondary antibody at 1:200,000 dilution was used for 1 hour at room temperature.



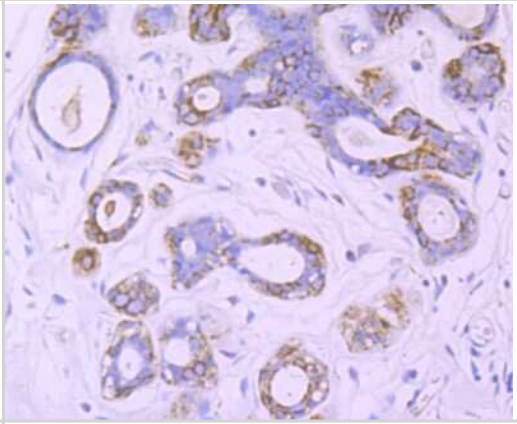
Immunocytochemistry/Immunofluorescence: Nogo Antibody (JM02-34) [NBP2-75595] - Staining Nogo in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



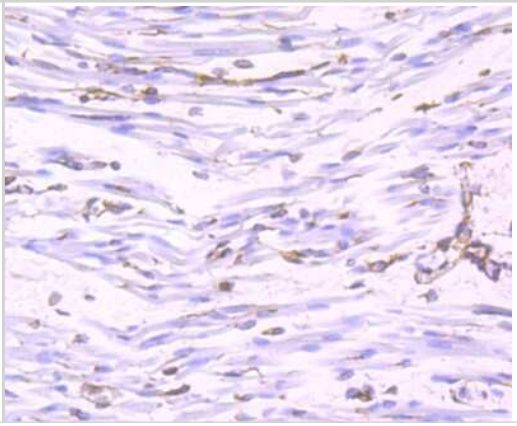
Immunocytochemistry/Immunofluorescence: Nogo Antibody (JM02-34) [NBP2-75595] - Staining Nogo in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



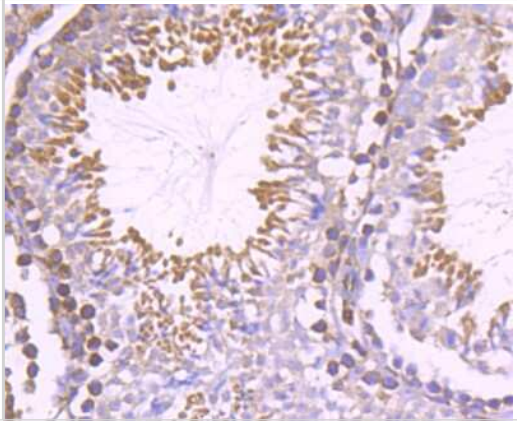
Immunohistochemistry-Paraffin: Nogo Antibody (JM02-34) [NBP2-75595] - Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-Nogo antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes.The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1:50 for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Nogo Antibody (JM02-34) [NBP2-75595] - Immunohistochemical analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-Nogo antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes.The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1:50 for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Nogo Antibody (JM02-34) [NBP2-75595] - Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Nogo antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes.The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1:50 for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



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