Product Datasheet

O-GlcNAc Antibody (RL2) - Azide and BSA Free
NBP2-80892

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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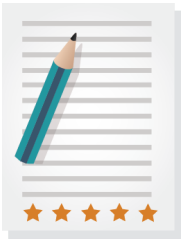


NBP2-80892

O-GlcNAc Antibody (RL2) - Azide and BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RL2
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS

Product Description

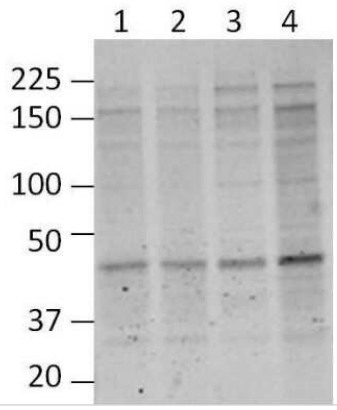
Host	Mouse
Species	Human, Mouse, Rat, Porcine, Bovine, Drosophila, Fish, Hamster, Primate, Virus, Xenopus
Reactivity Notes	Porcine reactivity reported in scientific literature (PMID: 26004176). Xenopus reactivity reported in scientific literature (PMID: 17329255). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Pore complex-lamina fraction purified from rat liver nuclear envelopes.

Product Application Details

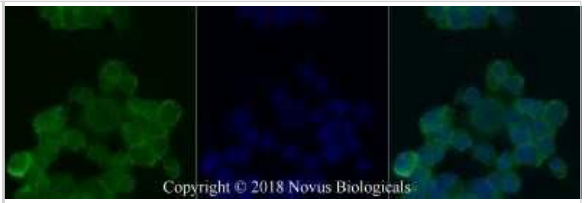
Applications	Western Blot, Chromatin Immunoprecipitation, Dot Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), CyTOF-ready
Recommended Dilutions	Western Blot : 1:1000, Chromatin Immunoprecipitation 1:10 - 1:500. Use reported in scientific literature (PMID 20404350), Flow Cytometry : 1:10 - 1:1000, ELISA 1:100 - 1:2000,. Use reported in scientific literature (PMID 12029848), Immunohistochemistry : 1:10 - 1:500, Immunocytochemistry/Immunofluorescence, Immunoprecipitation : 1:10 - 1:500, Immunohistochemistry-Paraffin : 1:200, Dot Blot : 1:800, Flow (Intracellular), Chromatin Immunoprecipitation (ChIP) 1:10-1:500, CyTOF-ready

Images

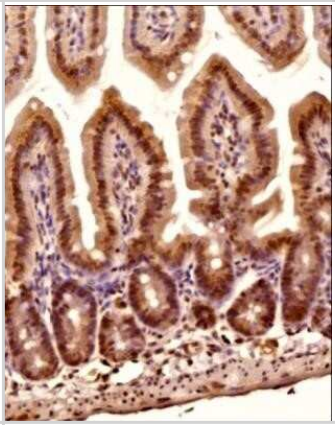
Western Blot: O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - Analysis of mouse cortical brain lysates using O-Linked N-Acetylglucosamine Monoclonal Antibody. Blots containing cortical extracts from 4 individual C57BL/6 mice (Lanes 1-4) were blocked with 5% milk in TBST, and probed with MA1-072 at 1:1000, followed by a fluorophore-conjugated goat anti-mouse IgG secondary antibody. Data courtesy of the Innovators Program. Image from the standard format of this antibody.



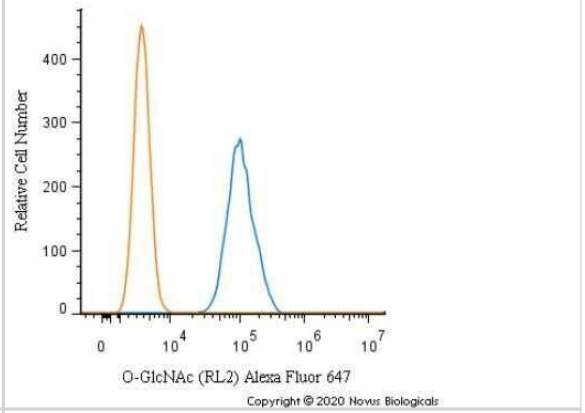
Immunocytochemistry/Immunofluorescence: O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - Neuro2a cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton X-100. The cells were incubated with anti-O-GlcNAc (RL2) at 5 ug/mL overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



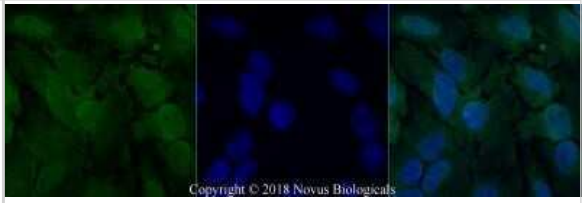
Immunohistochemistry: O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - Analysis of a FFPE tissue section of the mouse colon using 1:200 dilution of O-GlcNAc [RL2] antibody (NB300-524). The signal was developed using HRP-DAB method which followed counterstaining of the cells with hematoxylin. Image from the standard format of

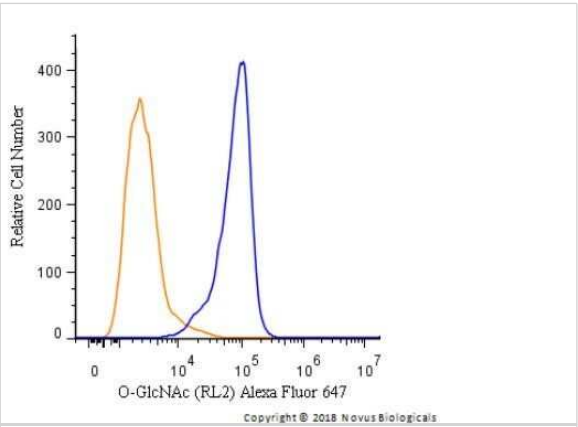
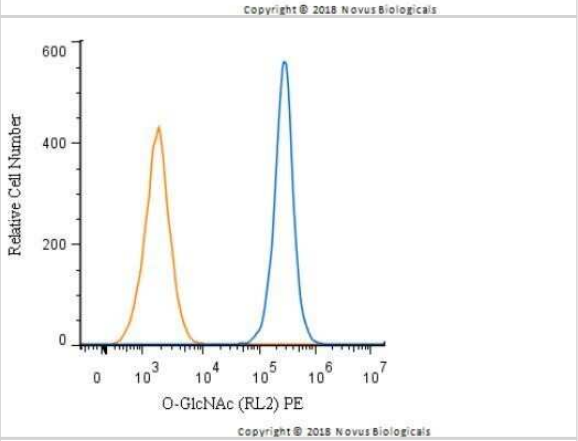
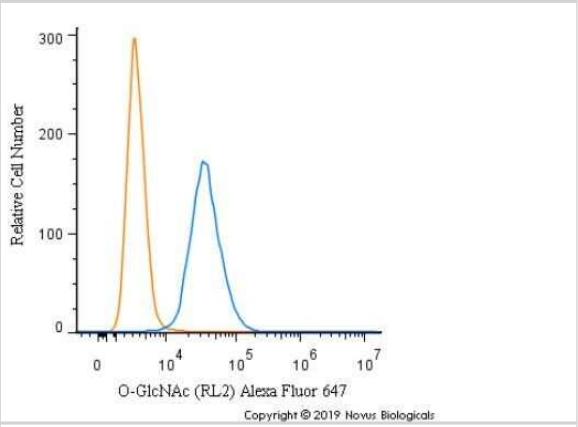
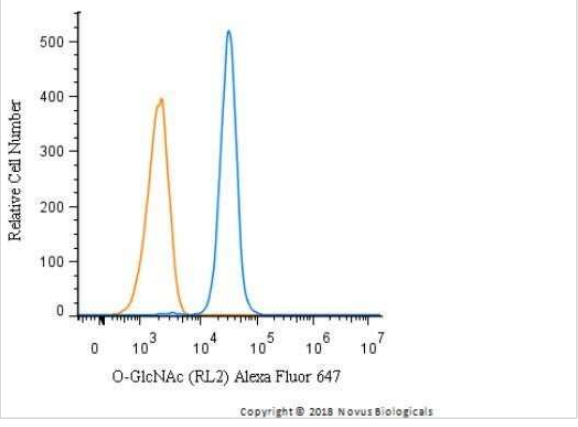


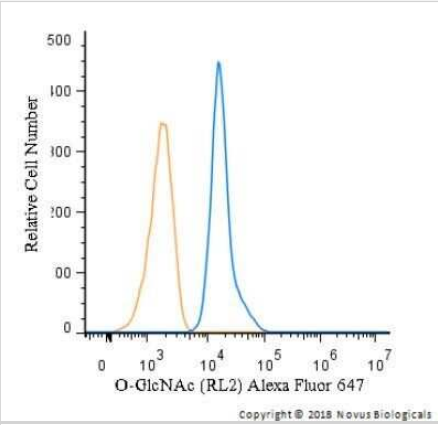
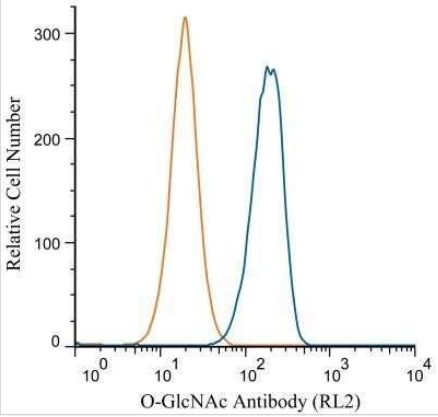
Flow (Intracellular): O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - An intracellular stain was performed on RH30 cells with O-GlcNAc [RL2] Antibody NB300-524AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.



Immunocytochemistry/Immunofluorescence: O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton X-100. The cells were incubated with anti-O-GlcNAc (RL2) at 5 ug/mL overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



Flow Cytometry: O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - An intracellular stain was performed on HeLa cells with O-GlcNAc Antibody [RL2] Antibody NB300-524AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.	
Flow Cytometry: O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - An intracellular stain was performed on Jurkat cells with O-GlcNAc antibody (RL2) NB300-524PE (blue) and a matched isotype control. Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature . Both antibodies were directly conjugated to phycoerythrin.	
Flow Cytometry: O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - An intracellular stain was performed on Neuro2a cells with O-GlcNAc Antibody [RL2] NB300-524AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.	
Flow Cytometry: O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - An intracellular stain was performed on SK-MEL-28 cells with O-GlcNAc antibody (RL2) NB300-524AF647 (blue) and a matched isotype control. Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature . Both antibodies were directly conjugated to Alexa Fluor 647.	

Flow Cytometry: O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - An intracellular stain was performed on U-937 cells with O-GlcNAc antibody (RL2) NB300-524AF647 (blue) and a matched isotype control. Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature . Both antibodies were directly conjugated to Alexa Fluor 647.	
Flow Cytometry: O-GlcNAc Antibody (RL2) - Azide and BSA Free [NBP2-80892] - Analysis using Alexa Fluor (R) 647 conjugate of NB300-524. An intracellular stain was performed on Jurkat cells with O-GlcNAc antibody (RL2) NB300-524 (blue) and a matched isotype control NBP2-27287 (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. 1 ug of antibody was added to 100 uL of staining buffer and cells were incubated for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.	

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