

Product Datasheet

O-GalNAc Antibody (9B9) - BSA Free NBP2-59309

Unit Size: 100 ug

Store at -20C.

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NBP2-59309

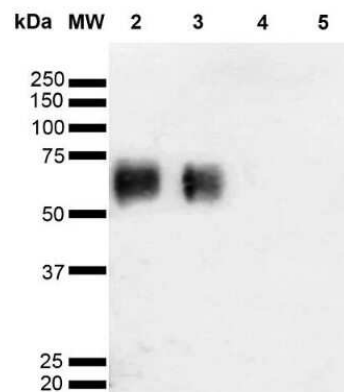
O-GalNAc Antibody (9B9) - BSA Free

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	9B9
Preservative	0.09% Sodium Azide
Isotype	IgM
Purity	PEG purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse O-GalNAc Antibody (9B9) - BSA Free (NBP2-59309) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	Specific for B-O-Linked N-Acetylgalactosamine and B-O-Linked N-Acetylglucosamine modified proteins. Does not cross-react with Glucose or Galactose modified proteins.
Immunogen	Synthetic B-O-Linked N-Acetylglucosamine conjugated to Keyhole Limpet Hemocyanin (KLH).
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, ELISA 1:1000, Immunohistochemistry 1:25, Immunocytochemistry/ Immunofluorescence 1:50

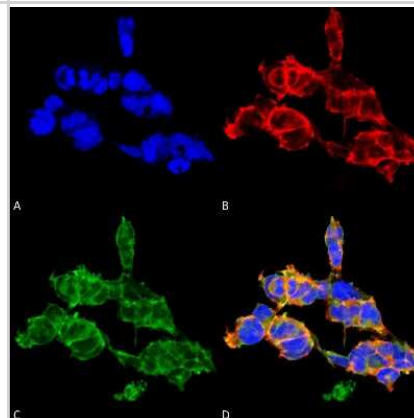


Images

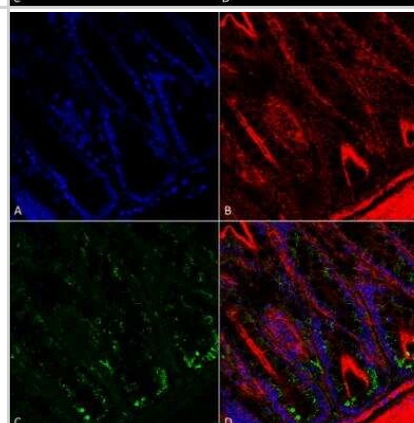
Western Blot analysis of Glycoconjugates showing detection of 67 kDa O-GalNAc protein using Mouse Anti-O-GalNAc Monoclonal Antibody, Clone 9B9 (NBP2-59309). Lane 1: Molecular Weight Ladder (MW). Lane 2: O-GalNAc-BSA. Lane 3: GalNAc-BSA. Lane 4: Galactose-BSA. Lane 5: Glucose-BSA. Load: 2.0 ug. Block: 5% Skim Milk in TBST. Primary Antibody: Mouse Anti-O-GalNAc Monoclonal Antibody (NBP2-59309) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 5 min in RT. Predicted/Observed Size: 67 kDa.



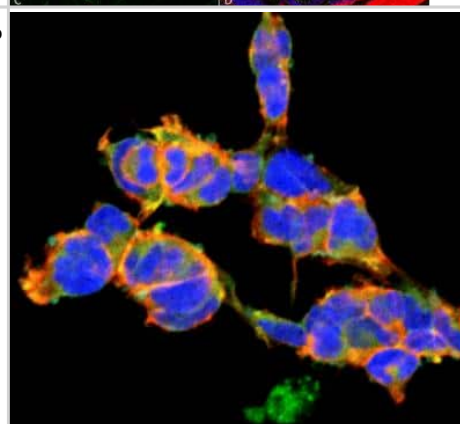
Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-O-GalNAc Monoclonal Antibody, Clone 9B9 (NBP2-59309). Tissue: Embryonic kidney epithelial cell line (HEK293). Species: Human. Fixation: 5% Formaldehyde for 5 min. Primary Antibody: Mouse Anti-O-GalNAc Monoclonal Antibody (NBP2-59309) at 1:50 for 30-60 min at RT. Secondary Antibody: Goat Anti-Mouse Alexa Fluor 488 at 1:1500 for 30-60 min at RT. Counterstain: Phalloidin Alexa Fluor 633 F-Actin stain; DAPI (blue) nuclear stain at 1:250, 1:50000 for 30-60 min at RT. Magnification: 20X (2X Zoom). (A) DAPI (blue) nuclear stain. (B) Phalloidin Alexa Fluor 633 F-Actin stain. (C) O-GalNAc Antibody (D) Composite. Courtesy of: Dr. Robert Burke, University of Victoria.



Analysis using Mouse Anti-O-GalNAc Monoclonal Antibody, Clone 9B9. Tissue: colon. Species: Mouse. Fixation: Formalin fixed, paraffin embedded. Primary Antibody: Mouse Anti-O-GalNAc Monoclonal Antibody at 1:25 for 1 hour at RT. Secondary Antibody: Goat Anti-Mouse IgG: Alexa Fluor 488. Counterstain: Actin-binding Phalloidin-Alexa Fluor 633; DAPI (blue) nuclear stain. Magnification: 63X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Alexa Fluor 633 F-Actin stain. (C) O-GalNAc Antibody (D) Composite



Tissue: Embryonic kidney cells (HEK293). Species: Human. Fixation: 5% Formaldehyde for 5 min. Primary Antibody: Mouse Anti-O-GalNAc Monoclonal Antibody at 1:50 for 30-60 min at RT. Secondary Antibody: Goat Anti-Mouse Alexa Fluor 488 at 1:1500 for 30-60 min at RT. Counterstain: Phalloidin Alexa Fluor 633 F-Actin stain; DAPI (blue) nuclear stain at 1:250, 1:50000 for 30-60 min at RT. Magnification: 20X (2X Zoom). Courtesy of: Dr. Robert Burke, University of Victoria.





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Products Related to NBP2-59309

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97007	Mouse IgM Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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