

Mouse O-GalNAc Monoclonal Antibody | anti-O-GalNAc antibody

O-GalNAc Antibody, Clone 9B9: RPE

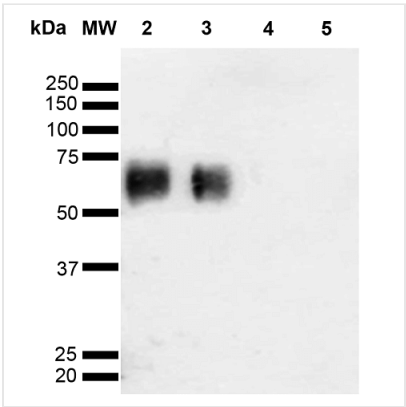
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA103994	Mouse	Species Independent	ELISA, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

O-GalNAc; Monoclonal Antibody; O-GalNAc Antibody; Clone 9B9: RPE; Mouse Anti-beta-O-Linked N-Acetylglactosamine Monoclonal IgM; O-GalNAc Antibody: RPE; GalNAc Antibody; O-GalNAc Antibody; beta-O-Linked N-Acetylglactosamine Antibody; O-Linked N-Acetylglactosamine Antibody; N-Acetylglactosamine Antibody; 2-(Acetylamino)-2-deoxy-D-galactose Antibody; 2-Acetamido-2-deoxy-D-galactose Antibody; N-Acetylchondrosamine Antibody; 2-Acetamido-2-deoxy-D-galactopyranose Antibody; N-Acetyl-D-galactosamine Antibody; alpha-N-Acetylglactosamine Antibody; N-Acetylglactosamine-modified protein Antibody; anti-O-GalNAc antibody

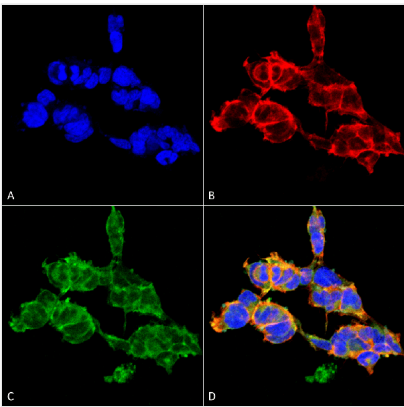
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Species Independent
Clonality	Monoclonal
Isotype	IgM
Clone Number	9B9
Specificity	Specific for beta-O-Linked N-Acetylglactosamine and beta-O-Linked N-Acetylglucosamine modified proteins. Does not cross-react with Glucose or Galactose modified proteins.
Purity/Purification	PEG Purified
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-O-GalNAc antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Target	O-GalNAc
Immunogen	Synthetic beta-O-Linked N-Acetylglucosamine conjugated to Keyhole Limpet Hemocyanin (KLH).
Conjugate	RPE
Storage Buffer	PBS pH 7.4, 50% glycerol, 0.09% Sodium Azide
Preparation and Storage	Store at -20 degree C.



WB (Western Blot)

Western Blot analysis of Glycoconjugates showing detection of 67 kDa O-GalNAC protein using Mouse Anti-O-GalNAC Monoclonal Antibody, Clone 9B9. Lane 1: Molecular Weight Ladder (MW). Lane 2: GlcNAc-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 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.



ICC (Immunocytochemistry)

Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-O-GalNAC Monoclonal Antibody, Clone 9B9. Tissue: Embryonic kidney epithelial cell line (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). (A) DAPI (blue) nuclear stain. (B) Phalloidin Alex Fluor 633 F-Actin stain. (C) O-GalNac Antibody. (D) Composite. Courtesy of: Dr. Robert Burke, University of Victoria.

ADDITIONAL INFORMATION

Product Categories/Family for anti-O-GalNac antibody	Antibodies; Cell Signaling; Post-translational Modifications; Glycation
For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.	

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/o-galnac-antibody-clone-9b9-immunofluorescence-immunocytochemistry-western-blot-elisa/103994>