

Product Datasheet

MYO9B Antibody NB100-41092

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 2

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NB100-41092

MYO9B Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat MYO9B Antibody (NB100-41092) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-MYO9B Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	4650
Gene Symbol	MYO9B
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24466350).
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_004136.2; NP_001123537.1).
Immunogen	Peptide with sequence C-KNDFEPVKQSKAQ corresponding to internal region according to NP_004136.2, NP_001123537.1.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 2 - 6 ug/ml, Immunocytochemistry/ Immunofluorescence, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Approx. 200 kDa band observed in human liver lysates (calculated MW of 243 kDa band according to NP_004136.2). Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 24466350).

Images

Western Blot: MYO9B Antibody [NB100-41092] - (2ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Publications

Monsuur AJ, de Bakker PI, Alizadeh BZ et al. Myosin IXB variant increases the risk of celiac disease and points toward a primary intestinal barrier defect. *Nat Genet* 2005-12-01 [PMID: 16282976]

McMichael BK, Scherer KF, Franklin NC, Lee BS. The RhoGAP activity of myosin IXB is critical for osteoclast podosome patterning, motility, and resorptive capacity. *PLoS ONE*. 2014-01-27 [PMID: 24466350] (ICC/IF, WB, Mouse)

Details:

Mouse bone marrow derived osteoclasts: IF (Fig 1), WB (Fig 1A). Note: The specificity of the MYO9B pAb was validated with MYO9B siRNA and in MYO9B transfected osteoclasts by WB. a goat polyclonal Ab from Imgenex were used to detect Myo9b.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-41092

NB100-41092PEP	MYO9B Peptide
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG 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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