# **Product Datasheet**

# Myosin 5a Antibody NBP1-49858

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

**Publications: 2** 

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NBP1-49858

Updated 9/9/2025 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications Submit a review at www.novusbio.com/reviews/destination/NBP1-49858



# NBP1-49858

Myosin 5a Antibody

Wiyosiii oa / Willbody	
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 Myosin 5a Antibody (NBP1-49858) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Myosin 5a Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	4644
Gene Symbol	MYO5A
Species	Human, Mouse
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_000250.3; NP_001135967.1).
Immunogen	Peptide with sequence C-ETKQLELDLN corresponding to internal region according to NP_001135967.1.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunocytochemistry/ Immunofluorescence 1 - 3 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	IF: Transverse sections of mouse Skeletal Muscle shows staining of the fibre membrane and neuromuscular junction. The observed pattern corresponds to earlier findings in literature with different antibodiesscientific literature (PMID: 20133847). WB: Approx. 200 kDa band observed in Jurkat lysates (calculated MW of 215 kDa band according to NP_000250.3).



#### **Images**

Western Blot: Myosin 5a Antibody [NBP1-49858] - Analysis of Myosin 5a in Jurkat lysate (35ug protein in RIPA buffer) using this antibody at 1ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa 150kDa 100kDa 75kDa

50kDa

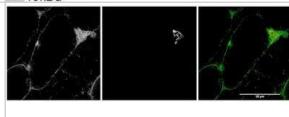
37kDa

25kDa

20kDa

15kDa

Immunocytochemistry/Immunofluorescence: Myosin 5a Antibody [NBP1-49858] - (1ug/ml) staining of Mouse Skeletal Muscle (first panel, and in green in third panel). Alpha-bungaratoxin staining in middle panel and in red in third panel. Detected by Fluorescence. Data kindly provided by Dr. Rudiger Rudolf, Karlsruhe, Germany



#### **Publications**

Guey LT, Garcia-Closas M, Murta-Nascimento C et al. Genetic susceptibility to distinct bladder cancer subphenotypes. Eur Urol 2010-02-01 [PMID: 19692168]

Roder IV, Choi KR, Reischl M et al. Myosin Va cooperates with PKA Rlalpha to mediate maintenance of the endplate in vivo. Proc Natl Acad Sci USA 2010-02-01 [PMID: 20133847]





# 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 NBP1-49858**

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

H00004644-Q01-10ug Recombinant Human Myosin 5a GST (N-Term) Protein

#### 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-49858

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications



