

# Product Datasheet

## Myosin heavy chain 14 Antibody - BSA Free NBP2-49533

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-49533****Myosin heavy chain 14 Antibody - BSA Free**

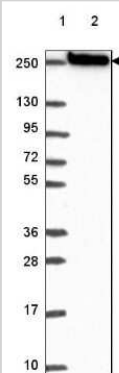
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Myosin heavy chain 14 Antibody - BSA Free (NBP2-49533) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	79784
<b>Gene Symbol</b>	MYH14
<b>Species</b>	Human
<b>Reactivity Notes</b>	Mouse (80%), Rat (80%).
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: FTTRTVRQVFRLEEGVASDEEEAEEAQP GSGPSPEPEGSP

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

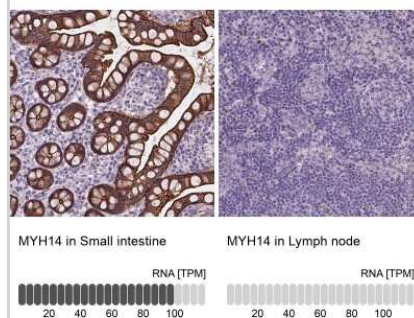
Western Blot: Myosin Heavy Chain Antibody [NBP2-49533] - Lane 1:  
 Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10  
 Lane 2: Human cell line RT-4



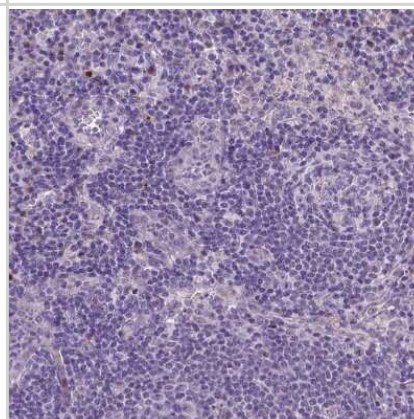
Immunohistochemistry-Paraffin: Myosin Heavy Chain Antibody [NBP2-49533] - Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



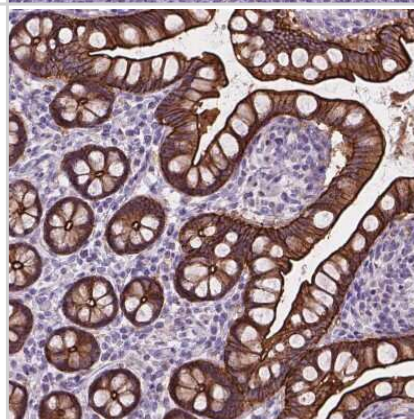
Immunohistochemistry-Paraffin: Myosin Heavy Chain Antibody [NBP2-49533] - Analysis in human small intestine and lymph node tissues. Corresponding MYH14 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Myosin Heavy Chain Antibody [NBP2-49533] - Staining of human lymph node shows no cytoplasmic positivity in germinal center cells as expected.



Immunohistochemistry-Paraffin: Myosin Heavy Chain Antibody [NBP2-49533] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.





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### **Products Related to NBP2-49533**

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NBP2-49533PEP	Myosin heavy chain 14 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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