

Product Datasheet

MURC Antibody - BSA Free

NBP1-86609

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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NBP1-86609

MURC Antibody - BSA Free

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

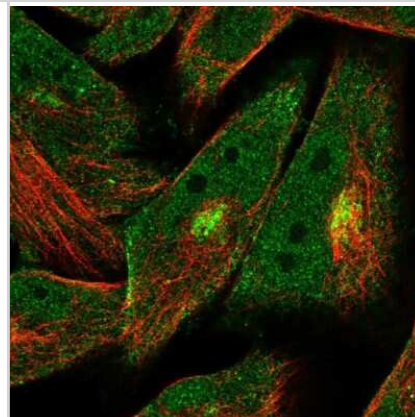
Product Description	
Description	Novus Biologicals Rabbit MURC Antibody - BSA Free (NBP1-86609) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-MURC Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	347273
Gene Symbol	MURC
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26086601).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KGKDRTVAEGEECAREMGVDIARSESLGPISELYSDELSEPEHEAARPVYPPH EGREIPTPEPLKVTFKSQVKVEDDESLLL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation/Permeabilization: PFA/Triton X-100.

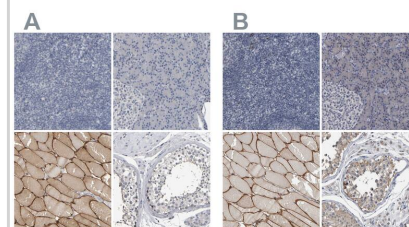


Images

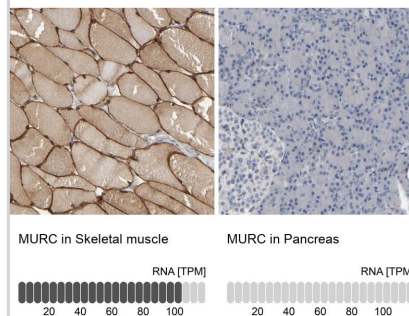
Immunocytochemistry/Immunofluorescence: MURC Antibody [NBP1-86609] - Staining of human cell line RH-30 shows localization to nucleoplasm, plasma membrane & the Golgi apparatus. Antibody staining is shown in green.



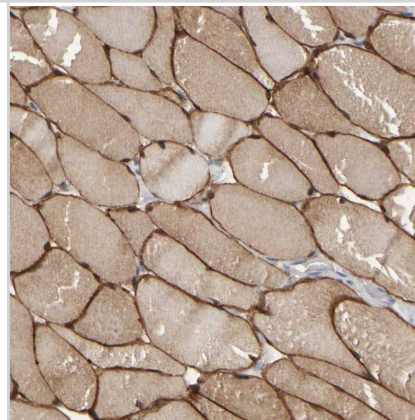
Staining of human lymphoid tissues, pancreas, skeletal muscle and testis using Anti-MURC antibody NBP1-86609 (A) shows similar protein distribution across tissues to independent antibody NBP1-86608 (B).



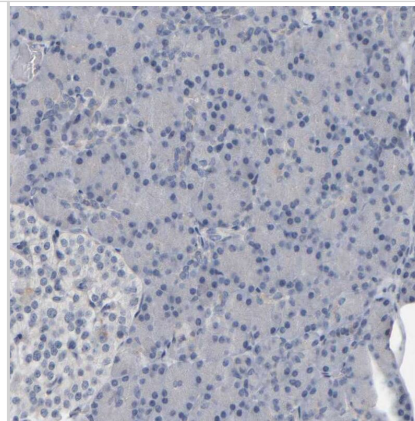
Analysis in human skeletal muscle and pancreas tissues Corresponding MURC RNA-seq data are presented for the same tissues.



Staining of human skeletal muscle shows strong membranous positivity in myocytes.



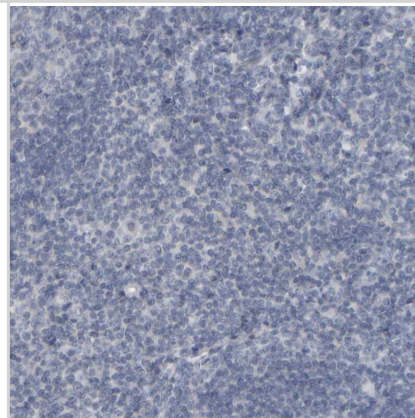
Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



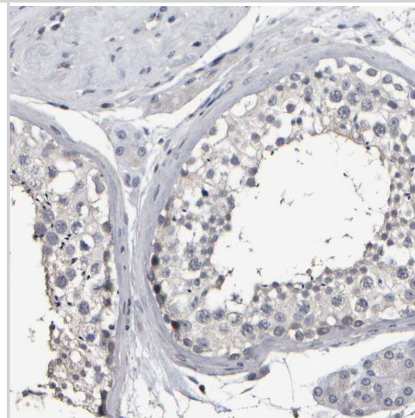
Immunohistochemistry-Paraffin: MURC Antibody [NBP1-86609] - Staining of human skeletal muscle shows high expression.



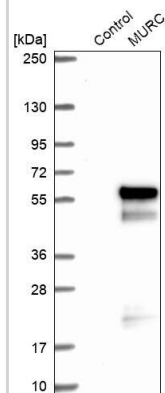
Staining of human tonsil shows no positivity in non-germinal center cells as expected.



Staining of human testis shows weak cytoplasmic positivity in cells in seminiferous ducts.



Analysis in control (vector only transfected HEK293T lysate) and MURC over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Publications

Faggi F, Codenotti S, Poliani PL et al. MURC/cavin-4 Is Co-Expressed with Caveolin-3 in Rhabdomyosarcoma Tumors and Its Silencing Prevents Myogenic Differentiation in the Human Embryonal RD Cell Line. PLoS One 2015-01-01 [PMID: 26086601] (IF/IHC, Mouse)



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 NBP1-86609

NBP1-86609PEP	MURC Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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