

Product Datasheet

TUFM Antibody (CL2242) - Azide and BSA Free NBP3-44455

Unit Size: 100 ug

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-44455

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/NBP3-44455



NBP3-44455

TUFM Antibody (CL2242) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2242
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

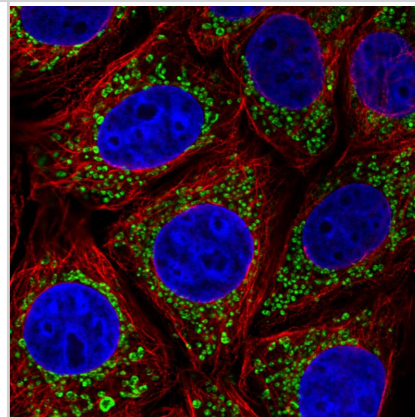
Product Description	
Description	Novus Biologicals Mouse TUFM Antibody (CL2242) - Azide and BSA Free (NBP2-36751) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7284
Gene Symbol	TUFM
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID:31801089).
Immunogen	This antibody was generated using a recombinant protein sequence of P49411, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunoprecipitation, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence/IF Fixation Permeabilization: Use PFA/Triton X-100. Use in Immunoprecipitation reported in scientific literature (PMID:31801089).

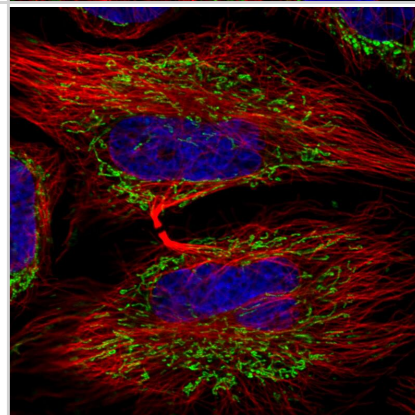


Images

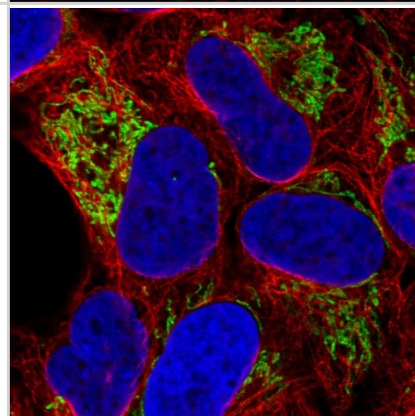
Staining in MCF7 cell line with Anti-TUFM monoclonal antibody) .



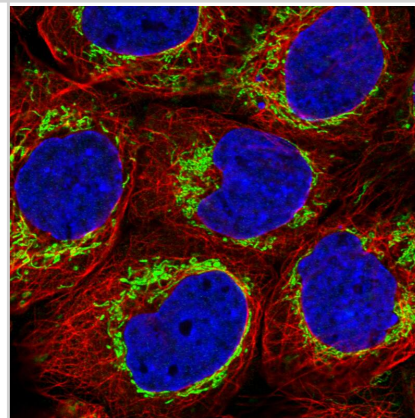
Staining in HeLa cell line with Anti-TUFM monoclonal antibody) .



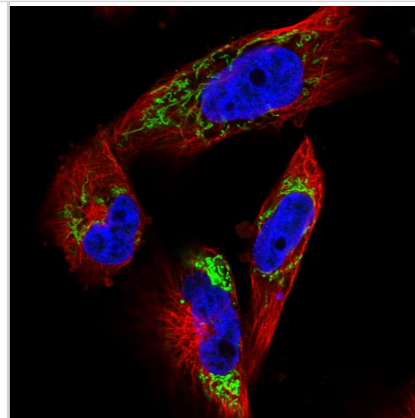
Staining in U2OS cell line with Anti-TUFM monoclonal antibody) .



Staining in A431 cell line with Anti-TUFM monoclonal antibody) .



Staining in U251 cell line with Anti-TUFM monoclonal antibody .



Lane 1: Marker [kDa]

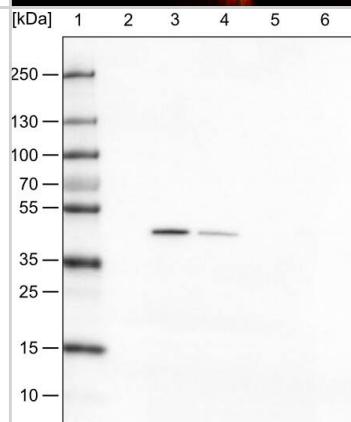
Lane 2: Human cell line HeLa cytoplasmic fraction

Lane 3: Human cell line HeLa membrane fraction

Lane 4: Human cell line HeLa nuclear fraction

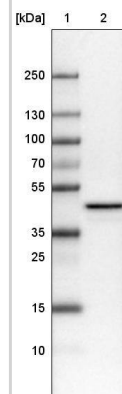
Lane 5: Human cell line HeLa chromatin fraction

Lane 6: Human cell line HeLa cytoskeletal fraction

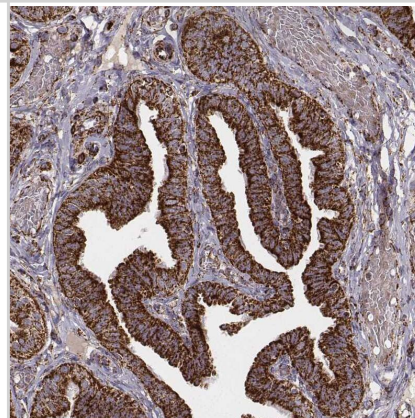


Lane 1: Marker [kDa]

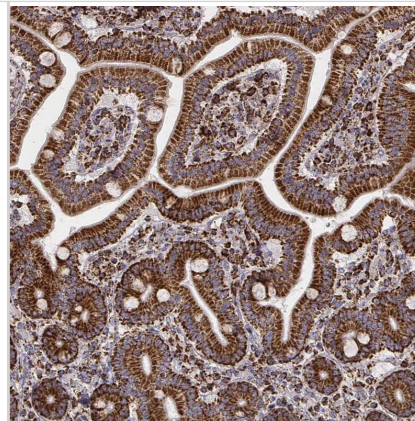
Lane 2: Human cell line U-251 MG



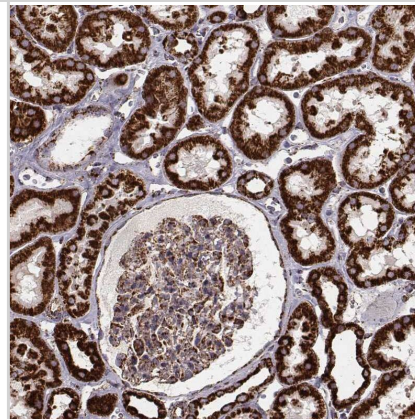
Staining of human fallopian tube shows strong granular cytoplasmic positivity in glandular cells.



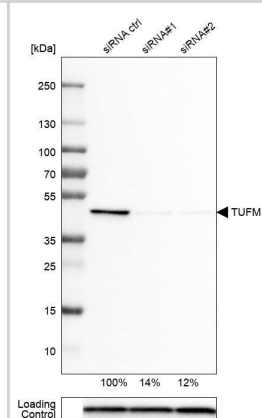
Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



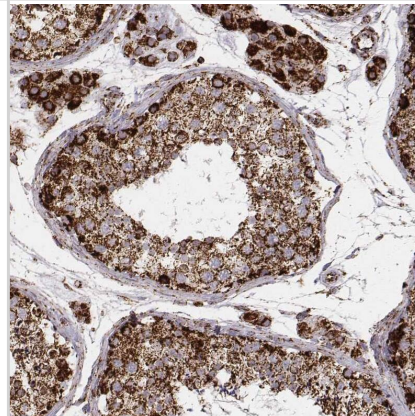
Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules and moderate staining in glomerular cells.



Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-TUFM antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



Staining of human testis shows strong granular cytoplasmic positivity in cells in seminiferous ducts and in Leydig cells.





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 NBP3-44455

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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/NBP3-44455

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

