

Product Datasheet

MRPL42 Antibody - BSA Free

NBP1-83171

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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Publications: 1

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Updated 9/9/2025 v.20.1

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NBP1-83171

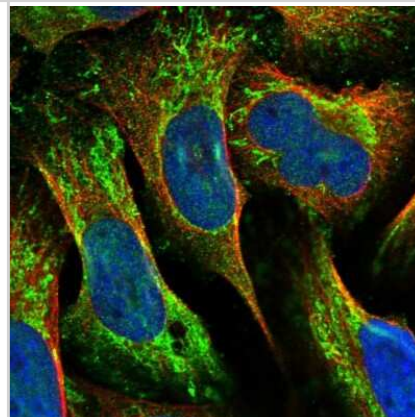
MRPL42 Antibody - BSA Free

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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit MRPL42 Antibody - BSA Free (NBP1-83171) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-MRPL42 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	28977
Gene Symbol	MRPL42
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YEHTKPIPRPDVPVHNNEETHDQVLKTRLEEKVEHLEEGPMIEQLSKMFFTTKHR WYPHGRYHRCRKNLNPPKD
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.



Images

Immunocytochemistry/Immunofluorescence: MRPL42 Antibody [NBP1-83171] - Staining of human cell line U-2 OS shows localization to plasma membrane & mitochondria. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: MRPL42 Antibody [NBP1-83171] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



Publications

Lavie J, Lalou C, Mahfouf W et al. The E3 ubiquitin ligase FBXL6 controls the quality of newly synthesized mitochondrial ribosomal proteins Cell reports 2023-05-31 [PMID: 37267103] (WB, Human)

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Products Related to NBP1-83171

NBP1-83171PEP	MRPL42 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

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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