

Product Datasheet

MDC1 Antibody - BSA Free

NBP1-84860

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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NBP1-84860

MDC1 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

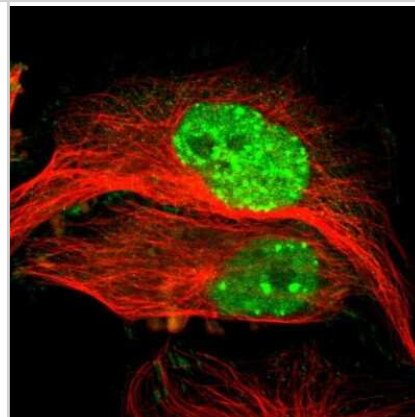
Product Description	
Description	Novus Biologicals Rabbit MDC1 Antibody - BSA Free (NBP1-84860) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-MDC1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9656
Gene Symbol	MDC1
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 23833192).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: REAVLKDHTKIRALVRAHSEKDQPPFGSDSDSVEADKSSPGIHLERSQASTTV DINTQVEKEVPPGSAIIHIKKHQVSVEGTNQTQDVKAVGGPAKLLVVSLEEAWPL HGDCETDAEEGTSLTASVVADVVRKSQLPAEGDAG

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	ICC/IF reported in scientific literature (PMID: 23833192). For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

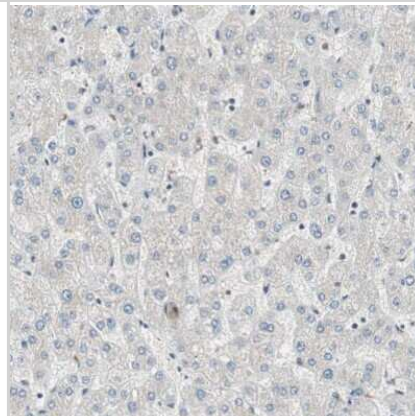


Images

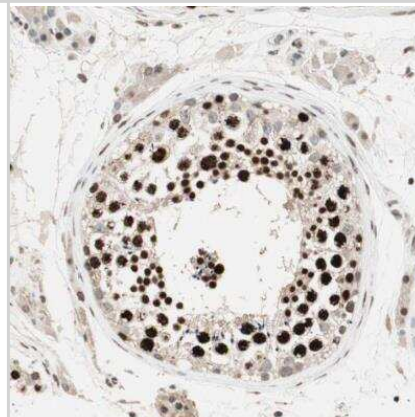
Immunocytochemistry/Immunofluorescence: MDC1 Antibody [NBP1-84860] - Staining of human cell line U-251 MG shows localization to nucleoplasm, nuclear bodies & focal adhesion sites.



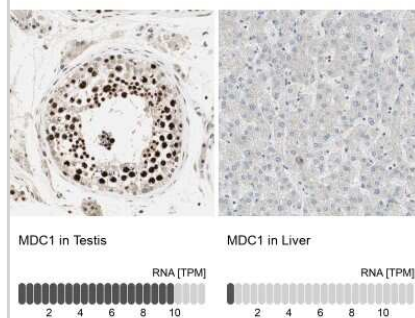
Immunohistochemistry-Paraffin: MDC1 Antibody [NBP1-84860] - Staining of human liver shows low expression as expected.



Immunohistochemistry-Paraffin: MDC1 Antibody [NBP1-84860] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: MDC1 Antibody [NBP1-84860] - Staining in human testis and liver tissues using anti-MDC1 antibody. Corresponding MDC1 RNA-seq data are presented for the same tissues.



Publications

Mastrocola AS, Kim SH, Trinh AT et al. The RNA-binding Protein Fused in Sarcoma (FUS) Functions Downstream of Poly(ADP-ribose) Polymerase (PARP) in Response to DNA Damage. J Biol Chem 2013-08-23 [PMID: 23833192] (ICC/IF, Human)



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Products Related to NBP1-84860

NBP1-84860PEP	MDC1 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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