

# Product Datasheet

## MORC2 Antibody - BSA Free

### NBP1-89295

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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**Publications: 4**

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**NBP1-89295**

MORC2 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

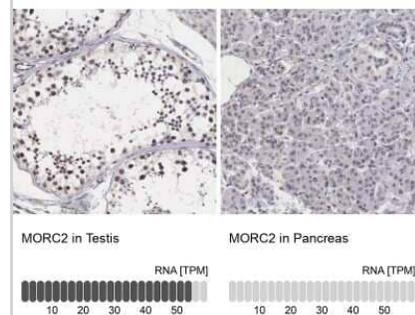
Product Description	
Description	Novus Biologicals Rabbit MORC2 Antibody - BSA Free (NBP1-89295) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-MORC2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	22880
Gene Symbol	MORC2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TSECLRIEPTTALSTNHETIDLLVQILRNCLRYFLPPSFPISKKQLSAMNSDELIS FPLKEYFKQYEVGLQNLCSYQSRADSRAKASEESLRTSERKLRTEEEKLQKL RTNIVALLQKVQEDIDINTDDELDAYIED

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	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

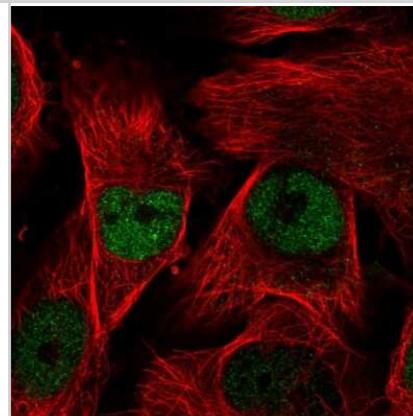


## Images

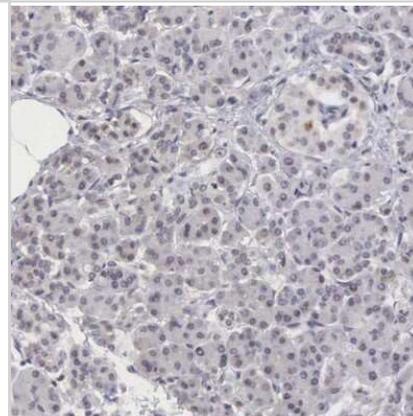
Immunohistochemistry-Paraffin: MORC2 Antibody [NBP1-89295] - Staining in human testis and pancreas tissues using anti-MORC2 antibody. Corresponding MORC2 RNA-seq data are presented for the same tissues.



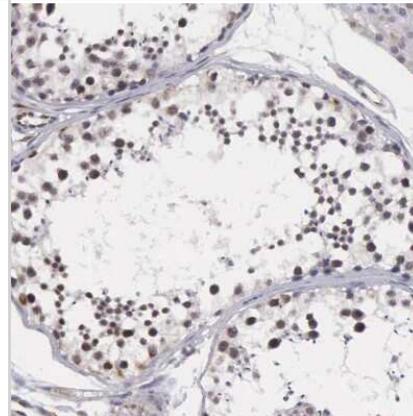
Immunocytochemistry/Immunofluorescence: MORC2 Antibody [NBP1-89295] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: MORC2 Antibody [NBP1-89295] - Staining of human pancreas shows low expression as expected.



Immunohistochemistry-Paraffin: MORC2 Antibody [NBP1-89295] - Staining of human testis shows high expression.



## Publications

He J, Liao XH, Zhong BD et al. Association of MORC2 expression with progression-free survival in cervical cancer patients treated with concurrent chemoradiotherapy *Medicine (Baltimore)* 2024-09-20 [PMID: 39312367]

Liao X, Liu C, Ding Z et al. High expression of MORC2 predicts worse neoadjuvant chemotherapy efficacy in triple negative breast cancer *Medicine* 2023-06-23 [PMID: 37352040] (IHC, Human)

Yang F, Sun R, Hou Z et al. HSP90 N-terminal inhibitors target oncoprotein MORC2 for autophagic degradation and suppress MORC2-driven breast cancer progression *Clinical and translational medicine* 2022-05-01 [PMID: 35522895] (IF/IHC, Mouse)

Liu YY, Liu HY, Yu TJ et al. O-GlcNAcylation of MORC2 at threonine 556 by OGT couples TGF-beta signaling to breast cancer progression *Cell death and differentiation* 2022-01-01 [PMID: 34974534] (IF/IHC, Human)





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### **Products Related to NBP1-89295**

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NBP1-89295PEP	MORC2 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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