

# Product Datasheet

## MSX2 Antibody - BSA Free NBP1-85445

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)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-85445](http://www.novusbio.com/NBP1-85445)

Updated 12/2/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-85445](http://www.novusbio.com/reviews/destination/NBP1-85445)



**NBP1-85445**

MSX2 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

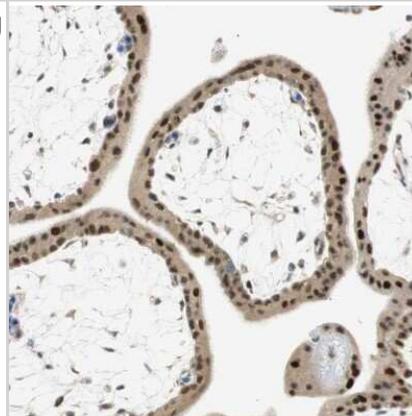
Product Description	
Description	Novus Biologicals Rabbit MSX2 Antibody - BSA Free (NBP1-85445) is a polyclonal antibody validated for use in IHC. Anti-MSX2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4488
Gene Symbol	MSX2
Species	Human
Reactivity Notes	Mouse, Rat (86%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SSLPFSVEALMSDKKPPKEASPLPAESASAGATLRPLLLSGHGAREAHSPGPL VKPFETASVKSENSEDGAAWMQEPGRYSPPPRHTSPTTCTLRKHKTNRKP

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

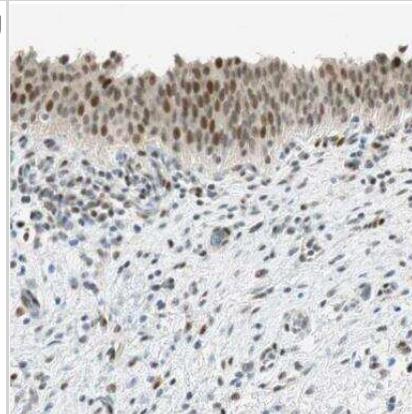


**Images**

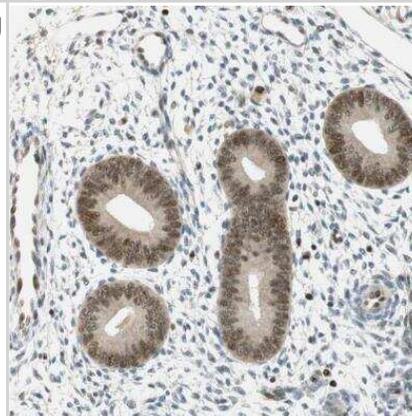
Immunohistochemistry-Paraffin: MSX2 Antibody [NBP1-85445] - Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



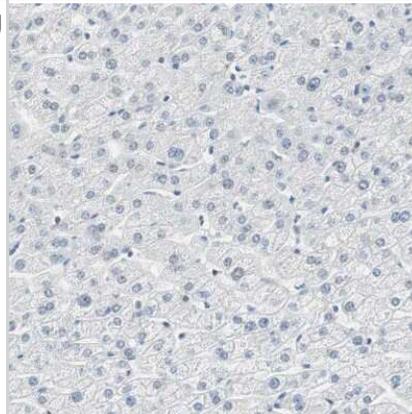
Immunohistochemistry-Paraffin: MSX2 Antibody [NBP1-85445] - Staining of human urinary bladder shows weak nuclear positivity in urothelial cells.



Immunohistochemistry-Paraffin: MSX2 Antibody [NBP1-85445] - Staining of human endometrium shows moderate nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: MSX2 Antibody [NBP1-85445] - Staining of human liver shows low positivity in hepatocytes as expected.



## Publications

Nagy A, Peth? D, Gesztelyi R et al. BGP-15 Inhibits Hyperglycemia-Aggravated VSMC Calcification Induced by High Phosphate International Journal of Molecular Sciences 2021-08-26 [PMID: 34502172]

Wirrig EE, Hinton RB, Yutzey KE. Differential expression of cartilage and bone-related proteins in pediatric and adult diseased aortic valves. J Mol Cell Cardiol 2011-03-01 [PMID: 21163264]

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. Mol Cell Proteomics 2009-07-01 [PMID: 19351664]

Wensman H, Goransson H, Leuchowius KJ et al. Extensive expression of craniofacial related homeobox genes in canine mammary sarcomas. Breast Cancer Res Treat 2009-11-01 [PMID: 19048371]





### **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 NBP1-85445**

---

NBP1-85445PEP	MSX2 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.

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

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-85445](http://www.novusbio.com/reviews/submit/NBP1-85445)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

