

# Product Datasheet

## MACC1 Antibody - BSA Free

### NBP1-89352

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: 2

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**NBP1-89352**

MACC1 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

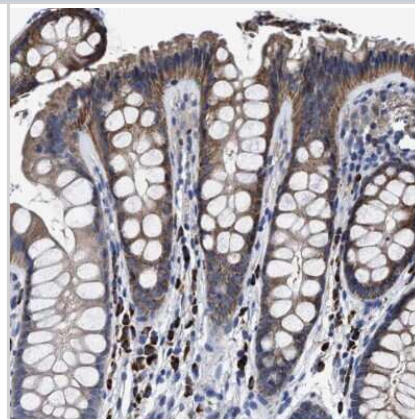
Product Description	
Description	Novus Biologicals Rabbit MACC1 Antibody - BSA Free (NBP1-89352) is a polyclonal antibody validated for use in IHC and Simple Western. Anti-MACC1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	346389
Gene Symbol	MACC1
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25785098).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FRSGRIAQSMSEANLIDMEAGKLSKSCNITECQDPDLLHNWPDAFTLRGNNAS KVANPFWNQLSASNP

Product Application Details	
Applications	Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Simple Western 1:20, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in RT-4, separated by Size, antibody dilution of 1:20, apparent MW was 93 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

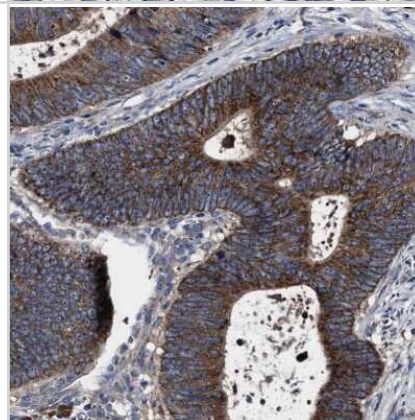


## Images

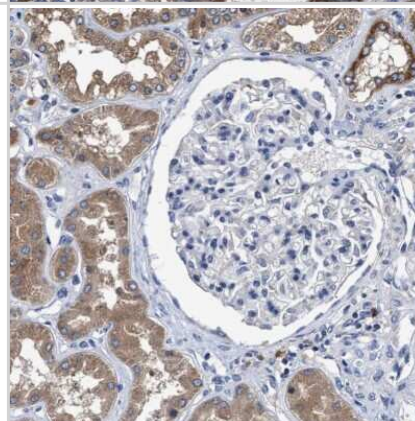
Immunohistochemistry-Paraffin: MACC1 Antibody [NBP1-89352] - Immunohistochemical staining of human colon shows moderate cytoplasmic positivity in glandular cells.



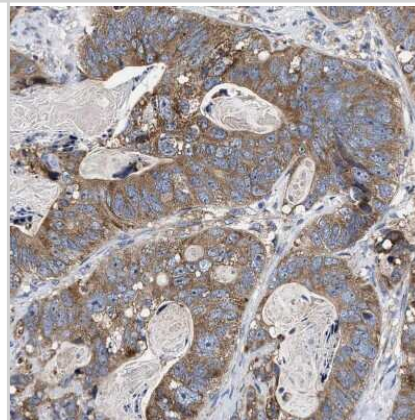
Immunohistochemistry-Paraffin: MACC1 Antibody [NBP1-89352] - Immunohistochemical staining of human colorectal cancer shows moderate to strong cytoplasmic positivity in tumor cells.



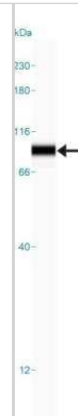
Immunohistochemistry-Paraffin: MACC1 Antibody [NBP1-89352] - Immunohistochemical staining of human kidney shows moderate cytoplasmic positivity in renal tubules cells.



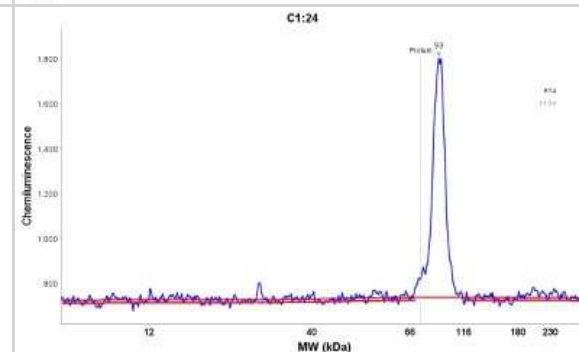
Immunohistochemistry-Paraffin: MACC1 Antibody [NBP1-89352] - Immunohistochemical staining of human stomach cancer shows moderate cytoplasmic positivity in tumor cells.



Simple Western: MACC1 Antibody [NBP1-89352] - Simple Western lane view shows a specific band for MACC1 in 0.2 mg/ml of RT-4 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: MACC1 Antibody [NBP1-89352] - Electropherogram image(s) of corresponding Simple Western lane view. MACC1 antibody was used at 1:20 dilution on RT-4 lysate(s).



## Publications

Koelzer VH, Herrmann P, Zlobec I et al. Heterogeneity analysis of Metastasis Associated in Colon Cancer 1 (MACC1) for survival prognosis of colorectal cancer patients: a retrospective cohort study. BMC Cancer 2015-03-21 [PMID: 25884643] (IF/IHC, Human)

Ge Y, Meng X, Zhou Y et al. Positive MACC1 expression correlates with invasive behaviors and postoperative liver metastasis in colon cancer. Int J Clin Exp Med 2015-01-01 [PMID: 25785098] (IF/IHC, Human)



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### **Products Related to NBP1-89352**

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NBP1-89352PEP	MACC1 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.

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