

# Product Datasheet

## MKRN1 Antibody - BSA Free NB100-55304

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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



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### Publications: 1

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**NB100-55304**

MKRN1 Antibody - BSA Free

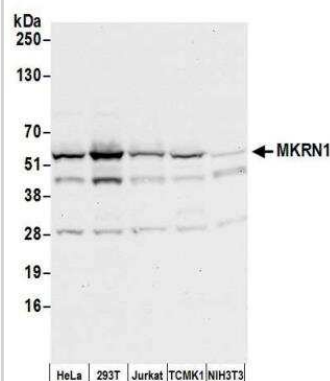
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Description	Novus Biologicals Rabbit MKRN1 Antibody - BSA Free (NB100-55304) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-MKRN1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23608
Gene Symbol	MKRN1
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 432 and the C-terminus (residue 482) of human makorin, ring finger protein, 1 using the numbering given in entry NP_038474.1 (GeneID 23608).

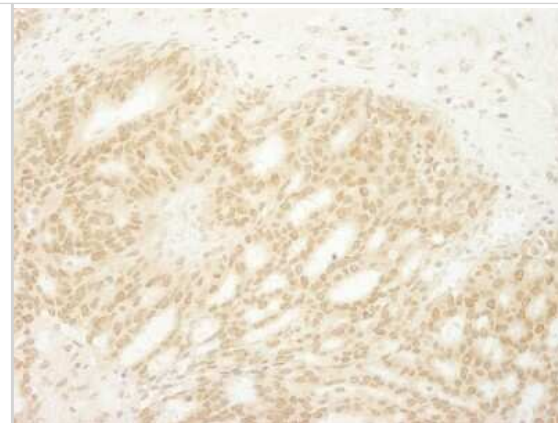
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 2-5 ug/mg, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

**Images**

Western Blot: MKRN1 Antibody [NB100-55304] - Detection of human and mouse MKRN1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MKRN1 antibody NB100-55304 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Immunohistochemistry: MKRN1 Antibody [NB100-55304] - Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti- MKRN1 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



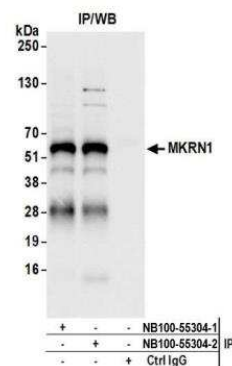
Western Blot: MKRN1 Antibody [NB100-55304] - Whole cell lysate from HeLa (5, 15 and 50 ug) and 293T (T; 50 ug) cells. Antibody used for WB at 0.1 ug/ml.



Immunohistochemistry-Paraffin: MKRN1 Antibody [NB100-55304] - FFPE section of human breast carcinoma. Affinity purified rabbit anti-MKRN1 used at a dilution of 1:100.



Immunoprecipitation: MKRN1 Antibody [NB100-55304] - Detection of human MKRN1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MKRN1 antibody NB100-55304 (lot NB100-55304-2) used for IP at 6 ug per reaction. MKRN1 was also immunoprecipitated by a previous lot of this antibody (lot NB100-55304-1). For blotting immunoprecipitated MKRN1, NB100-55304 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



## Publications

Ko A, Lee EW, Yeh JY et al. MKRN1 induces degradation of West Nile virus capsid protein by functioning as an E3 ligase. J Virol 2010-01-01 [PMID: 19846531]



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### **Products Related to NB100-55304**

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NBL1-13126	MKRN1 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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