

# Product Datasheet

## MORC2 Antibody - BSA Free

### NB600-236

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB600-236**

MORC2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
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)

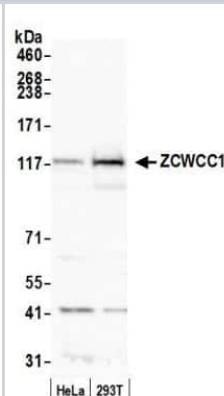
Product Description	
Host	Rabbit
Gene ID	22880
Gene Symbol	MORC2
Species	Human
Immunogen	A synthetic peptide, which maps to the region between residues 600-700 of human zinc finger, CW-type with coiled-coil domain 1 using the numbering given in entry NP_055756.1 (GeneID 22880).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2500-1:10000, Immunoprecipitation 2-5 ug/mg of lysate
Application Notes	By Western Blot, this antibody recognizes a band at ~111 kDa, representing ZCWC1 protein. May be used for immunoprecipitation, as well. Suggested working dilutions: * Western Blot - 1:2,500-1:10,000 Immunoprecipitation - 2-5 ug/mg lysate Immunohistochemistry - ND *The investigator should determine the optimal working dilution for a specific application.

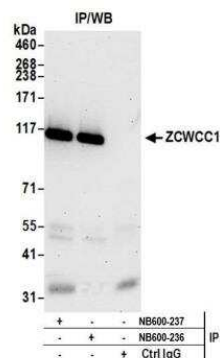


## Images

**Western Blot: MORC2 Antibody [NB600-236] - Detection of human MORC2 (ZCWCC1) by western blot.** Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MORC2 antibody [NB600-236] used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



**Immunoprecipitation: MORC2 Antibody [NB600-236] - Detection of human MORC2 (ZCWCC1) by western blot of immunoprecipitates.** Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MORC2 antibody NB600-236 used for IP at 3 ug per reaction. MORC2 was also immunoprecipitated by rabbit anti-MORC2 antibody NB600-237. For blotting immunoprecipitated MORC2, NB600-236 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



## Publications

Shao Y, Li Y, Zhang J et al. Involvement of histone deacetylation in MORC2-mediated down-regulation of carbonic anhydrase IX. *Nucleic Acids Res* 2010-05-01 [PMID: 20110259]



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### **Products Related to NB600-236**

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NB800-PC9	HeLa Nuclear Cell Lysate
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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