

For Research Use Only

# MORC2 Monoclonal antibody

Catalog Number: 68530-1-Ig



## Basic Information

<b>Catalog Number:</b> 68530-1-Ig	<b>GenBank Accession Number:</b> BC136782	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 22880	<b>CloneNo.:</b> 1G12E7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9Y6X9	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG1	<b>Full Name:</b> MORC family CW-type zinc finger 2	
<b>Immunogen Catalog Number:</b> AG19605	<b>Calculated MW:</b> 970 aa, 111 kDa	
	<b>Observed MW:</b> 118 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, A431 cells, LNCaP cells, HeLa cells, TF-1 cells
<b>Species Specificity:</b> Human	

## Background Information

MORC2 is essential for epigenetic silencing by the HUSH (human silencing hub) complex. It can be recruited by HUSH to target site in heterochromatin. MORC2 also recruits histone deacetylases, such as HDAC4, to promoter regions, causing local histone H3 deacetylation and transcriptional repression of genes.

## Storage

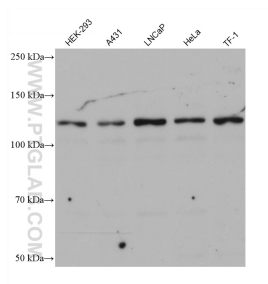
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68530-1-Ig (MORC2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.