

For Research Use Only

MORC2 Monoclonal antibody

Catalog Number: 68530-1-Ig



Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, A431 cells, LNCaP cells, HeLa cells, TF-1 cells
Species Specificity: 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

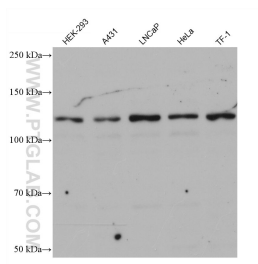
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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.