

MORC2 Monoclonal antibody

Catalog Number: 68530-1-Ig

Basic Information

Catalog Number:

68530-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG19605

GenBank Accession Number:

BC136782

GeneID (NCBI):

22880

UNIPROT ID:

Q9Y6X9

Full Name:

MORC family CW-type zinc finger 2

Calculated MW:

970 aa, 111 kDa

Observed MW:

118 kDa

Purification Method:

Protein G purification

CloneNo.:

1G12E7

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HEK-293 cells, A431 cells, LNCaP cells, HeLa cells, TF-1 cells

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:

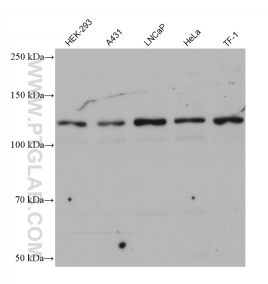
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.