

HEXIM1 Monoclonal antibody

Catalog Number: 66311-1-Ig

Basic Information

Catalog Number:

66311-1-Ig

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgM

Immunogen Catalog Number:

AG8019

GenBank Accession Number:

BC006460

GeneID (NCBI):

10614

UNIPROT ID:

O94992

Full Name:

hexamethylene bis-acetamide
inducible 1

Calculated MW:

41 kDa

Observed MW:

54 kDa

Purification Method:

Thiophilic affinity chromatograph

CloneNo.:

2C8A2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : MDA-MB-231 cells, Caco-2 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, HeLa cells

Background Information

HEXIM1, also named CLP1, EDG1, HIS1 or MAQ1, is best known as the inhibitor of positive transcription elongation factor b, which regulates the transcription elongation of RNA polymerase II and controls 60-70% of mRNA synthesis. HEXIM1 regulates NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity. Previous studies showed that HEXIM1 interacts with two key p53 regulators, nucleophosmin and HDM2, implying a possible connection between HEXIM1 and the p53 signaling pathway. The mainstream MW of this protein is 65-70 kDa and 54 kDa (PMID: 33627647, PMID: 20976203, PMID: 28254838).

Storage

Storage:

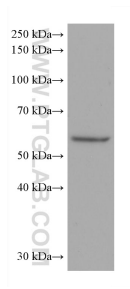
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

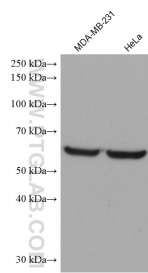
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Caco-2 cells were subjected to SDS PAGE followed by western blot with 66311-1-Ig (HEXIM1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 66311-1-Ig (HEXIM1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.