

For Research Use Only

HEXIM1 Monoclonal antibody

Catalog Number: 66311-1-Ig



Basic Information

Catalog Number: 66311-1-Ig	GenBank Accession Number: BC006460	Purification Method: Thiophilic affinity chromatograph
Size: 150ul , Concentration: 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10614	CloneNo.: 2C8A2
Source: Mouse	Full Name: hexamethylene bis-acetamide inducible 1	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgM	Calculated MW: 41 kDa	
Immunogen Catalog Number: AG8019	Observed MW: 54 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human testis tissue, MCF-7 cells
Species Specificity: human	

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

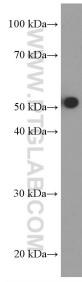
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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)
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Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 66311-1-Ig (HEXIM1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.