

For Research Use Only

HEXIM1 Monoclonal antibody, PBS Only

Catalog Number: 66311-1-PBS



Basic Information

Catalog Number: 66311-1-PBS	GenBank Accession Number: BC006460	Purification Method: Thiophilic affinity chromatograph
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 10614	CloneNo.: 2C8A2
Source: Mouse	UNIPROT ID: O94992	
Isotype: IgM	Full Name: hexamethylene bis-acetamide inducible 1	
Immunogen Catalog Number: AG8019	Calculated MW: 41 kDa	
	Observed MW: 54 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

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

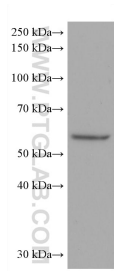
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

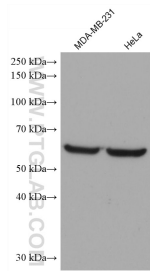
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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. This data was developed using the same antibody clone with 66311-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 66311-1-PBS in a different storage buffer formulation.