

For Research Use Only

MTF2 Monoclonal antibody, PBS Only



Catalog Number: 68713-1-PBS

Basic Information

Catalog Number: 68713-1-PBS	GenBank Accession Number: BC010013	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 22823	CloneNo.: 2E5D5
Source: Mouse	UNIPROT ID: Q9Y483	
Isotype: IgG2b	Full Name: metal response element binding transcription factor 2	
Immunogen Catalog Number: AG9384	Calculated MW: 536 aa, 61 kDa	
	Observed MW: 55 kDa, 60 kDa, 75 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, Rat, Rabbit, Mouse

Background Information

MTF2, also named as Metal-response element-binding transcription factor 2, is a 593 amino acid protein. It exists several isoforms and the range of the molecular weight of isoforms are about 55-60 kDa and 29 kDa. MTF2 contains 2 PHD-type zinc fingers and belongs to the Polycomblike family. MTF2 acts by binding to H3K36me3, a mark for transcriptional activation, and recruiting the PRC2 complex, leading to enhance PRC2 H3K27me3 methylation activity and regulates the transcriptional networks during embryonic stem cell self-renewal and differentiation.

Storage

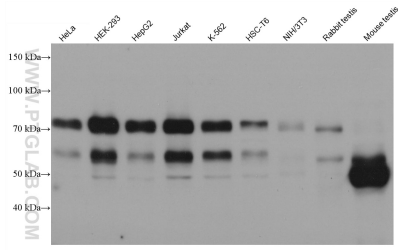
Storage:
Store at -80°C.

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



Various lysates were subjected to SDS PAGE followed by western blot with 68713-1-Ig (MTF2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68713-1-PBS in a different storage buffer formulation.