

For Research Use Only

MTF2 Recombinant antibody, PBS Only



Catalog Number: 82944-1-PBS

Basic Information

Catalog Number: 82944-1-PBS	GenBank Accession Number: BC010013	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 22823	CloneNo.: 230138D10
Source: Rabbit	UNIPROT ID: Q9Y483	
Isotype: IgG	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

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:

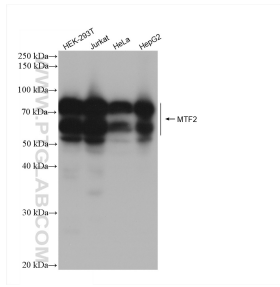
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82944-1-RR (MTF2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82944-1-PBS in a different storage buffer formulation.