Recombinant MTF2 Monoclonal Antibody

catalog number: **AN302036L**

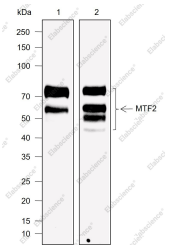
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Peptide. This information is proprietary to PTMab
Host	Rabbit
Isotype	Rabbit IgG
Clone	C231657
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000

Data



Western Blot with MTF2 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: NIH-3T3

Observed-MW:47-67 kDa

Calculated-MW:67 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

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.

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