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Datasheet

MTF1 monoclonal antibody (M07A), clone 4A5

Catalog Number: H00004520-M07A

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MTF1.

Clone Name: 4A5

Immunogen: MTF1 (NP_005946, 41 a.a. ~ 140 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
GTVYDRTTVLIEQDPGTLEDEDDDGQCGEHLPFLVGG
EEGFHLIDHEAMSQGYVQHIISPDQIHLTINPGSTPMPR
NIEGATLTLQSECPETKRKEVKRY

Host: Mouse

Reactivity: Human

Applications: ELISA
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgM Kappa

Storage Buffer: In ascites fluid

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4520

Gene Symbol: MTF1

Gene Alias: MGC23036, MTF-1, ZRF

Gene Summary: This gene encodes a transcription factor that induces expression of metallothioneins and other genes involved in metal homeostasis in response to heavy metals such as cadmium, zinc, copper, and silver. The protein is a nucleocytoplasmic shuttling protein that accumulates in the nucleus upon heavy metal exposure and binds to promoters containing a metal-responsive element (MRE). [provided by RefSeq]