

## Datasheet

### MTF1 polyclonal antibody (A01)

**Catalog Number:** H00004520-A01

**Regulation Status:** For research use only (RUO)

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

**Immunogen:** MTF1 (NP\_005946, 41 a.a. ~ 140 a.a) partial recombinant protein with GST tag.

**Sequence:**

GTVYDRTTVLIEQDPGTLEDEDDGQCGEHLPFLVGG  
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

**Storage Buffer:** 50 % glycerol

**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]