MT1F Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MT1F, Polyclonal Antibody
Full Product Name	MT1F Antibody; HRP conjugated
Product Gene Name	anti-MT1F antibody
Product Synonym Names	Metallothionein-1F; MT-1F; Metallothionein-IF; MT-IF; MT1F; PRO0376
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: MT1F (MBS7005464) HRP Conjugated Antibody: MT1F (MBS7005759)
Molecular Weight	6,086 Da
OMIM	156352
3D Structure	ModBase 3D Structure for P04733
Immunogen	Recombinant human Metallothionein-1F protein
Conjugation	HRP
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MT1F antibody	ELISA (EIA)
Related Product Information for anti-MT1F antibody	Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.
Other Notes	Small volumes of anti-MT1F antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MT1F purchase	MBS7005759 is an antibody targeting MT1F. Also known as MT1F Antibody; HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MT1F. It may not necessarily be applicable to this product.

NCBI GI #	669250849
NCBI GeneID	4494

NCBI Accession #	NP_001288201.1
UniProt Primary Accession #	P04733
UniProt Secondary Accession #	Q9UI97
UniProt Related Accession #	P04733
GenBank Nucleotide #	NM_001301272.1
NCBI Official Full Name	metallothionein-1F isoform 2
NCBI Official Synonym Full Names	metallothionein 1F
NCBI Official Symbol	MT1F
NCBI Official Synonym Symbols	MT1
UniProt Protein Name	Metallothionein-1F
UniProt Synonym Protein Names	Metallothionein-IF; MT-IF
Protein Family	Metallothionein
UniProt Gene Name	MT1F
UniProt Synonym Gene Names	MT-1F; MT-IF
UniProt Entry Name	MT1F_HUMAN
NCBI Protein Information	metallothionein-1F
UniProt Comments for MT1F	MT1F: Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids. Belongs to the metallothionein superfamily. Type 1 family. Chromosomal Location of Human Ortholog: 16q13 Cellular Component: cytoplasm; nucleus; perinuclear region of cytoplasm Molecular Function: protein binding; zinc ion binding Biological Process: negative regulation of growth; response to metal ion
Research Articles on MT1F	**1.** we found that metallothionein expression induced by Cd occurred much later, with the expression seen at least 12h or more after the Nrf2-dependent immediate responses were almost completed.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/mt1f/7005759