PTMA Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	PTMA, Monoclonal Antibody
Full Product Name	mAb anti-human PTMA
Product Gene Name	anti-PTMA antibody
Product Synonym Names	Prothymosin Alpha (PTMA); Mouse monoclonal antibody to human prothymosin alpha (PTMA)
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4G2
Host	Mouse
Species Reactivity	Human. Others not tested
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.0
Purity/Purification	Protein G affinity purified
Specificity	This antibody is reactive to PTMA peptide (eeaengrdapangnan) and GST tagged recombinant PTMA protein. Prothymosin Alpha (PTMA)
Preparation and Storage	Store at -20 degree C
Target Protein	Human prothymosin alpha (PTMA)
Immunogen	A short peptide (eeaengrdapangnan) derived from PTMA was conjugated with KLH for immunization.
Myeloma	Sp2/0-Ag14
Light Chain	Kappa
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
Research Area	Chromatin-remodelling, cell proliferation, oncology
Product Categories/Family for anti-PTMA antibody	Primary antibody; Monoclonal Antibodies to Human Tumor Markers
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-PTMA antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-PTMA antibody	Western blot: This antibody is reactive to GST tagged 38.4KD recombinant PTMA protein. ELISA: This antibody is reactive to recombinant PTMA protein.
Related Product Information for anti-PTMA antibody	**Description:** Mouse monoclonal antibody to human prothymosin alpha (PTMA) **background:** PTMA (prothymosin alpha) is the precursor of thymosin alpha1. It is an acidic, non-histone nuclear protein with 109-111 amino acids. PTMA is implicated with cell cycle regulation, chromatin remodeling, expression of oxidative stress-response genes and immuno-modulation. PTMA is elevated in malignances such as breast cancer, gastric cancer, prostate and bladder cancers. PTMA is a potential biomarker for the prognosis of cancer treatment.

Other Notes	Small volumes of anti-PTMA 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 PTMA purchase	MBS592358 is an antibody targeting PTMA. Also known as mAb anti-human PTMA. Reactive in Human. Others not tested. Host: Mouse.

ADDITIONAL DETAILS

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

Protein Family	Post-translational flagellin modification protein
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.
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