

Mouse PTMA Monoclonal Antibody | anti-PTMA antibody

mAb anti-human PTMA

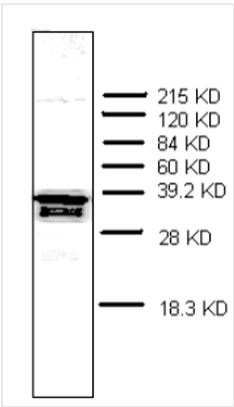
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77948	Mouse	Human, Others not tested	ELISA, Western Blot

PRODUCT SYNONYMS

PTMA; Monoclonal Antibody; mAb anti-human PTMA; Prothymosin Alpha (PTMA); Mouse monoclonal antibody to human prothymosin alpha (PTMA); anti-PTMA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Others not tested
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	4C3
Specificity	This antibody is reactive to PTMA peptide (eeaengrdapangnan) and GST tagged recombinant PTMA protein. Prothymosin Alpha (PTMA)
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.0
Applicable Applications for anti-PTMA antibody	ELISA, WB (Western Blot)
Target Protein	Human prothymosin alpha (PTMA)
Immunogen	A short peptide (eeaengrdapangnan) derived from PTMA was conjugated with KLH for immunization.
Fusion Myeloma	Sp2/0-Ag14
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
Research Area	Chromatin-remodelling, cell proliferation, oncology
Product Type	Primary antibody
Preparation and Storage	Store at -20 degree C



WB (Western Blot)
The GST tagged recombinant PTMA was loaded at 200ng/lane. The anti-PTMA clone 4C3 was used at 1ug/mL and the HRP conjugated goat anti-mouse IgG was used at 1:2,000 dilution.

ADDITIONAL INFORMATION

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 ?1. 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.
Product Categories/Family for anti-PTMA antibody	Primary antibody; Monoclonal Antibodies to Human Tumor Markers

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.