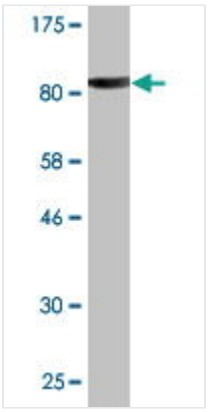
PITRM1 Antibody – Mouse Monoclonal

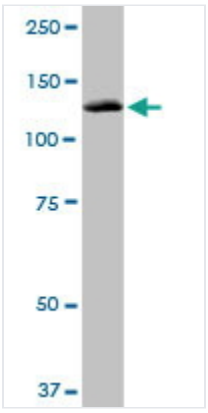
PRODUCT OVERVIEW

Product Name	PITRM1, Monoclonal Antibody
Full Product Name	PITRM1 (KIAA1104, MP1, Presequence Protease, Mitochondrial, Pitrilysin Metalloproteinase 1) (FITC)
Product Gene Name	anti-PITRM1 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1H3
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human PITRM1.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Molecular Weight	106,065 Da
Immunogen	Full-length recombinant protein corresponding to aa1-534 from PITRM1 (AAH01150) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MRPDDKYHEKQAQVEATKLKQKVEALSPGDRQQIYEKGLELRSQQSKPQDASCLPALKVSDIEPTIPVTELDVVLTAGDIPVQYCAQPTNGMVYFRAFSS
Conjugate	FITC
Product Categories/Family for anti-PITRM1 antibody	Antibodies; Mitochondrial Proteins
Applications Tested/Suitable for anti-PITRM1 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-PITRM1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PITRM1 antibody	ATP-independent protease that degrades mitochondrial transit peptides after their cleavage. Also degrades other unstructured peptides. Specific for pe
Other Notes	Small volumes of anti-PITRM1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece

Searchable Terms for PITRM1 purchase	MBS6148882 is an antibody targeting PITRM1. Also known as PITRM1 (KIAA1104, MP1, Presequence Protease, Mitochondrial, Pitrilysin Metalloprote



Western Blot (WB) of anti-PITRM1 antibody
Western Blot detection against Immunogen (84.48kD).



Western Blot (WB) of anti-PITRM1 antibody
PITRM1 monoclonal antibody Western Blot analysis of PITRM1 expression in A-431.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PITRM1. It may not necessarily be applicable to this product.

NCBI GI #	12654626
NCBI GeneID	10531
NCBI Accession #	BC001150
NCBI Related Accession #	AAH01150
UniProt Secondary Accession #	O95204; Q2M2G6; Q4VBR1; Q5JRW7; Q7L5Z7; Q9BSI6; Q9BVJ5; B3KMJ6; B4E0J8; C9JSL2; E7ES23
UniProt Related Accession #	Q5JRX3
NCBI Official Full Name	Homo sapiens pitrilysin metallopeptidase 1, mRNA
NCBI Official Synonym Full Names	pitrilysin metallopeptidase 1
NCBI Official Symbol	PITRM1
NCBI Official Synonym Symbols	MP1; PreP
NCBI Protein Information	presequence protease, mitochondrial
Research Articles on PITRM1	**1.** Data show that the hPreP presequence only targets GFP to the matrix of mammalian and yeast mitochondria.
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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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.

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Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/pitrm1/6148882