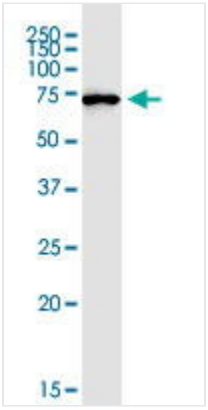
MIPEP Antibody – Mouse Monoclonal

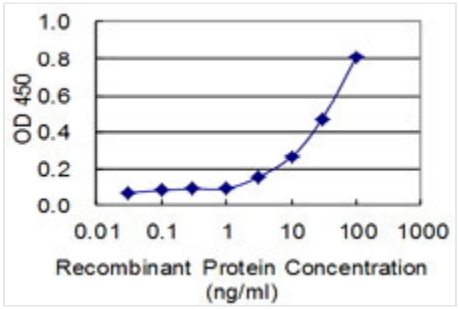
PRODUCT OVERVIEW

Product Name	MIPEP, Monoclonal Antibody
Full Product Name	MIPEP (Mitochondrial Intermediate Peptidase, HMIP, MIP) (HRP)
Product Gene Name	anti-MIPEP antibody
Product Synonym Names	Mitochondrial Intermediate Peptidase; HMIP; MIP
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4G11
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Purity/Purification	Purified
Specificity	Recognizes MIPEP.
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 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be r assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, ce the original vial after thawing and prior to removing the cap.
Molecular Weight	80,641 Da
OMIM	602241
3D Structure	ModBase 3D Structure for Q99797
Immunogen	MIPEP (NP_005923, 611aa-713aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PYVPNTAWQLRFSHLVGYGARYYSYLMSRAVASMVWKECFLQDPFNRAAGERYRREMLAHGGGREPMLMVEGMLQKCPSVDDFVSALVSDLDLDFE
Conjugate	HRP
Product Categories/Family for anti-MIPEP antibody	Antibodies; Enzymes; Protease (Proteinase; Peptidase)
Applications Tested/Suitable for anti-MIPEP antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-MIPEP antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-MIPEP antibody	MBS6183568 is an antibody targeting MIPEP. Also known as MIPEP (Mitochondrial Intermediate Peptidase, HMIP, MIP) (HRP). Host: Mouse.
Other Notes	Small volumes of anti-MIPEP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces 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 ad dry ice fee may apply.



Western Blot (WB) of anti-MIPEP antibody
MIPEP monoclonal antibody (M01), clone 4G11. Western Blot analysis of MIPEP expression in HepG2.



Testing Data of anti-MIPEP antibody
Detection limit for recombinant GST tagged MIPEP is 1 ng/ml as a capture antibody.

ADDITIONAL DETAILS

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

NCBI GI #	156105687
NCBI GeneID	4285
NCBI Accession #	NP_005923
UniProt Primary Accession #	Q99797
UniProt Secondary Accession #	Q5JV15; Q5T9Q9; Q96G65
UniProt Related Accession #	Q99797
GenBank Nucleotide #	NM_005932
NCBI Official Full Name	mitochondrial intermediate peptidase
NCBI Official Synonym Full Names	mitochondrial intermediate peptidase
NCBI Official Symbol	MIPEP
NCBI Official Synonym Symbols	MIP; HMIP
UniProt Protein Name	Mitochondrial intermediate peptidase
Protein Family	Mitochondrial intermediate peptidase
UniProt Gene Name	MIPEP
UniProt Synonym Gene Names	MIP; MIP
UniProt Entry Name	MIPEP_HUMAN
NCBI Protein Information	mitochondrial intermediate peptidase

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