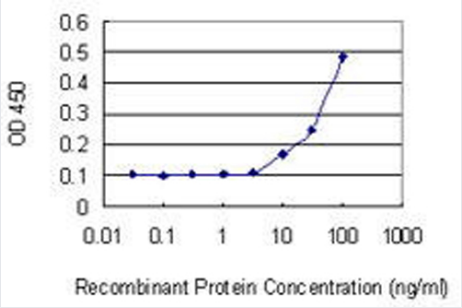
IPP Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	IPP, Monoclonal Antibody
Full Product Name	IPP (Intracisternal A Particle-promoted Polypeptide, KLHL27) (FITC)
Product Gene Name	anti-IPP antibody
Product Synonym Names	Intracisternal A Particle-promoted Polypeptide; KLHL27
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	4C2
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified
Specificity	Recognizes IPP.
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 store at -20 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 made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
OMIM	147485
3D Structure	ModBase 3D Structure for Q9Y573
Immunogen	IPP (NP_005888.1, 105aa-204aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	NNVQELIIAADMLQLTEVVHLCCEFLKGQIDPLNCIGIFQFSEQIACHDLLEFSENYIHVHFLEVHSGEEFLALTKDQLIKILRSEELSIEDEYQVFLAA
Conjugate	FITC
Product Categories/Family for anti-IPP antibody	Antibodies; Enzymes; Phosphatase
Applications Tested/Suitable for anti-IPP antibody	ELISA (EIA)
Application Notes for anti-IPP antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-IPP antibody	The protein encoded by this gene is a member of the kelch family of proteins, which is characterized by a 50 amino acid repeat which interacts with actin. Transcript variants have been described but their full-length nature has not been determined. [provided by RefSeq]

Other Notes	Small volumes of anti-IPP 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 IPP purchase	MBS6178564 is an antibody targeting IPP. Also known as IPP (Intracisternal A Particle-promoted Polypeptide, KLHL27) (FITC). Host: Mouse.



Testing Data of anti-IPP antibody
Detection limit for recombinant GST tagged IPP is 3 ng/ml as a capture antibody.

ADDITIONAL DETAILS

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

NCBI GI #	5174473
NCBI Accession #	NP_005888.1
UniProt Primary Accession #	Q9Y573
GenBank Nucleotide #	NP_005888.1
NCBI Official Full Name	actin-binding protein IPP isoform 1
UniProt Protein Name	Actin-binding protein IPP
UniProt Synonym Protein Names	Intracisternal A particle-promoted polypeptide; IPP; Kelch-like protein 27
Protein Family	Actin-binding protein
UniProt Gene Name	IPP
UniProt Synonym Gene Names	KLHL27; IPP
UniProt Entry Name	IPP_HUMAN
UniProt Comments for IPP	IPP: May play a role in organizing the actin cytoskeleton. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cytoskeletal Chromosomal Location of Human Ortholog: 1p34-p32 Cellular Component: cytoplasm; actin cytoskeleton Molecular Function: actin binding
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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