PPFIBP2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	PPFIBP2, Monoclonal Antibody
Full Product Name	PPFIBP2 (Liprin-beta-2, Protein Tyrosine Phosphatase Receptor Type F Polypeptide-interacting Protein-binding Protein 2, PTPRF-interacting Protein-binding Protein 2, DKFZp781K06126, MGC42541) (MaxLight 550)
Product Gene Name	anti-PPFIBP2 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3A5
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human PPFIBP2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	98kDa
OMIM	603142
3D Structure	ModBase 3D Structure for Q8ND30
Immunogen	Partial recombinant corresponding to aa1-101 from PPFIBP2 (NP_003612) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MASDASHALEAALEQMDGIIAGTKTGADLSDGTCEPGLASPASYMNPFPVLHLIEDLRLALEMLELPQERAALLSQIPGPTAAYIKEWFEESLSQVNHHS*
Conjugate	MaxLight550
Product Categories/Family for anti-PPFIBP2 antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-PPFIBP2 antibody	FLISA, Western Blot (WB)
Application Notes for anti-PPFIBP2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PPFIBP2 antibody	May regulate the disassembly of focal adhesions. Did not bind receptor-like tyrosine phosphatases type 2A.

Other Notes	Small volumes of anti-PPFIBP2 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 PPFIBP2 purchase	MBS6213296 is an antibody targeting PPFIBP2. Also known as PPFIBP2 (Liprin-beta-2, Protein Tyrosine Phosphatase Receptor Type F Polypeptide-interacting Protein-binding Protein 2, PTPRF-interacting Protein-binding Protein 2, DKFZp781K06126, MGC42541) (MaxLight 550). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPFIBP2. It may not necessarily be applicable to this product.

NCBI GI #	170784854
NCBI GeneID	8495
NCBI Accession #	NP_003612
UniProt Primary Accession #	Q8ND30
UniProt Related Accession #	Q8ND30
GenBank Nucleotide #	NM_003621
NCBI Official Full Name	liprin-beta-2 isoform 1
NCBI Official Synonym Full Names	PPFIA binding protein 2
NCBI Official Symbol	PPFIBP2
NCBI Official Synonym Symbols	Cclp1
UniProt Protein Name	Liprin-beta-2
UniProt Synonym Protein Names	Protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 2; PTPRF-interacting protein-binding protein 2
Protein Family	Liprin
UniProt Gene Name	PPFIBP2
UniProt Synonym Gene Names	PTPRF-interacting protein-binding protein 2
UniProt Entry Name	LIPB2_HUMAN
NCBI Protein Information	liprin-beta-2
NCBI Summary for PPFIBP2	This gene encodes a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. The encoded protein is a beta liprin and plays a role in axon guidance and neuronal synapse development by recruiting LAR protein-tyrosine phosphatases to the plasma membrane. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]
Research Articles on PPFIBP2	**1.** Analysis of the role of liprin-beta1 and liprin-beta2 has shown that while liprin-beta1 contributes positively to tumour cell motility in vitro; liprin-beta2 has a negative effect on both cell motility and invasion.
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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