SIRPB2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SIRPB2, Polyclonal Antibody
Full Product Name	SIRPB2, CT (SIRPB2, PTPN1L, PTPNS1L3, Signal-regulatory protein beta-2, Protein tyrosine phosphatase non-receptor type substrate 1-like 3, Protein tyrosine phosphatase non-receptor type substrate protein) (MaxLight 650)
Product Gene Name	anti-SIRPB2 antibody
Product Synonym Names	SIRPB2; PTPN1L; PTPNS1L3; Signal-regulatory protein beta-2; Protein tyrosine phosphatase non-receptor type substrate 1-like 3; Protein tyrosine phosphatase non-receptor type substrate protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
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: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	36,968 Da
3D Structure	ModBase 3D Structure for Q5JXA9
Immunogen	SIRPB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-255 amino acids from the C-terminal region of human SIRPB2.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-SIRPB2 antibody	Antibodies; Enzymes; Phosphatase
Applications Tested/Suitable for anti-SIRPB2 antibody	Western Blot (WB), FLISA
Application Notes for anti-SIRPB2 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-SIRPB2 antibody	Probable immunoglobulin-like cell surface receptor. On binding with CD47, mediates cell-cell adhesion. Engagement on T-cells by CD47 on antigen-presenting cells results in enhanced antigen-specific T-cell proliferation and costimulates T-cell activation.
Product References and Citations for anti-SIRPB2 antibody	Nyati, M.K., et al. Cancer Res. 66(24):11554-11559(2006). van den Berg, T.K., et al. J. Immunol. 175(12):7788-7789(2005). Chen, J., et al. Proc. Natl. Acad. Sci. U.S.A. 99(19):12257-12262(2002).
Other Notes	Small volumes of anti-SIRPB2 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 SIRPB2 purchase	MBS6347766 is an antibody targeting SIRPB2. Also known as SIRPB2, CT (SIRPB2, PTPN1L, PTPNS1L3, Signal-regulatory protein beta-2, Protein tyrosine phosphatase non-receptor type substrate 1-like 3, Protein tyrosine phosphatase non-receptor type substrate protein) (MaxLight 650). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SIRPB2. It may not necessarily be applicable to this product.

NCBI GI #	171906611
NCBI GeneID	284759
NCBI Accession #	NP_001116434.1
UniProt Primary Accession #	Q5JXA9
UniProt Secondary Accession #	Q6TCH9; B4DLM9; E9PCW6
UniProt Related Accession #	Q5JXA9
GenBank Nucleotide #	NM_001122962.1
NCBI Official Full Name	signal-regulatory protein beta-2 isoform 1
NCBI Official Synonym Full Names	signal-regulatory protein beta 2
NCBI Official Symbol	SIRPB2
NCBI Official Synonym Symbols	PTPN1L; PTPNS1L3; dJ776F14.2
UniProt Protein Name	Signal-regulatory protein beta-2
UniProt Synonym Protein Names	Protein tyrosine phosphatase non-receptor type substrate 1-like 3; Protein tyrosine phosphatase non-receptor type substrate protein
Protein Family	Signal-regulatory protein
UniProt Gene Name	SIRPB2
UniProt Synonym Gene Names	PTPN1L; PTPNS1L3; SIRP-beta-2
UniProt Entry Name	SIRB2_HUMAN
NCBI Protein Information	signal-regulatory protein beta-2; SIRP-beta-2; protein tyrosine phosphatase non-receptor type substrate protein; protein tyrosine phosphatase non-receptor type substrate 1-like 3; protein tyrosine phosphatase, non-receptor type substrate 1-like 3
UniProt Comments for SIRPB2	SIRPB2: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 20p13 Cellular Component: integral to membrane
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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