IL1B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL1B, Polyclonal Antibody
Full Product Name	IL1B, ID (Interleukin-1 beta, IL-1 beta, Catabolin, IL1F2) (MaxLight 550)
Product Gene Name	anti-IL1B antibody
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 MaxLight550.
Purity/Purification	Purified by Protein A and Peptide Affinity Chromatography.
Specificity	Recognizes human IL1B at ~30kD.
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	Calculated: 30 kDa; Observed: 36 kDa
Chromosome Location	Chromosome: 2; NC_000002.11 (113587337..113594356, complement). Location: 2q14
OMIM	147720
3D Structure	ModBase 3D Structure for P01584
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 148-174 in the central region of human IL1B, UniProt Accession #NP_000567.1; P01584. Species sequence homology: rabbit, monkey
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-IL1B antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL1B antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-IL1B antibody	FC/FACS: 1:10-1:50 FLISA: 1:1000 IHC: 1:50-1:100 WB: 1:100-1:500 Applications are based on unconjugated antibody.
Related Product Information for anti-IL1B antibody	MBS6482431 is an antibody targeting IL1B. Also known as IL1B, ID (Interleukin-1 beta, IL-1 beta, Catabolin, IL1F2) (MaxLight 550). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-IL1B antibody	1. Yu, J., et.al., Am. J. Gastroenterol. (2009). 2. Ito, A., et.al., J. Biol. Chem. 271(25), 14657-14660 (1996).

Other Notes	Small volumes of anti-IL1B 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL1B. It may not necessarily be applicable to this product.

NCBI GI #	10835145
NCBI GeneID	3553
NCBI Accession #	NP_000567.1
UniProt Primary Accession #	P01584
UniProt Secondary Accession #	P14628; P79182
UniProt Related Accession #	P01584
GenBank Nucleotide #	NM_000576.2
NCBI Official Full Name	interleukin-1 beta proprotein
NCBI Official Synonym Full Names	interleukin 1, beta
NCBI Official Symbol	IL1B
NCBI Official Synonym Symbols	IL-1; IL1F2; IL1-BETA
UniProt Protein Name	Interleukin-1 beta
UniProt Synonym Protein Names	Catabolin
Protein Family	Interleukin
UniProt Gene Name	IL1B
UniProt Synonym Gene Names	IL1F2; IL-1 beta
UniProt Entry Name	IL1B_HUMAN
NCBI Protein Information	interleukin-1 beta; IL-1 beta; catabolin; preinterleukin 1 beta; pro-interleukin-1-beta
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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