Interleukin 1 Beta (IL1b) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Interleukin 1 Beta (IL1b), Polyclonal Antibody
Full Product Name	PE-Linked Polyclonal Antibody to Interleukin 1 Beta (IL1b)
Product Gene Name	anti-IL1b antibody
Product Synonym Names	IL1-B; IL1-Beta; IL1F2; IL-1beta; Interleukin-1 Family Member 2; Catabolin
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Sheep
Form/Format	Supplied as solution form in 10 mM Tris, 150 mM NaCl, pH 8.2 50% glycerol 0.05% Proclin-300.
Purity/Purification	Antigen-specific Affinity Chromatography.
Concentration	>=100ug/ml (lot specific)
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: IL1b (MBS2026862) PE Conjugated Antibody: IL1b (MBS2044227)
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Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Organism Species	Bos taurus; Ovis aries
Source	Antibody labeling
Label	PE
Traits	Liquid
Cross Reactivity	Sheep
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2026862
Immunogen	Recombinant IL1b (Met1~Pro266) expressed in E.coli.
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-IL1b antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC), Flow Cytometry (FC), Immunoflouresence (IF)

Application Notes for anti-IL1b antibody	Western blotting: 0.5-2ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Flow cytometric: 2ug per test Optimal working dilutions must be determined by end user.
Related Product Information for anti-IL1b antibody	MBS2044227 is an antibody targeting IL1b. Also known as PE-Linked Polyclonal Antibody to Interleukin 1 Beta (IL1b). Reactive in Sheep. Host: Rabbit.
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 #	148226412
NCBI GeneID	373606
NCBI Accession #	NP_001079074.1
GenBank Nucleotide #	NM_001085605.1
NCBI Official Full Name	interleukin 1 beta S homeolog
NCBI Official Synonym Full Names	interleukin 1 beta S homeolog
NCBI Official Symbol	il1b.S
NCBI Official Synonym Symbols	IL-1; il1b; IL-1B; il1b-A
Protein Family	Interleukin
NCBI Protein Information	interleukin 1 beta S homeolog
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