Interleukin 1 Beta (IL1b) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Interleukin 1 beta (IL1b), Polyclonal Antibody
Full Product Name	Interleukin 1 beta (IL1b, IL-1 beta, Catabolin, Hematopoietin 1, H1, IFN beta Inducing Factor, IL1F2, LAF, OAF, Osteoclast Activating Factor, Preinterleukin beta, Pro Interleukin 1 beta) (AP)
Product Gene Name	anti-IL1b antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Immunoaffinity chromatography
Specificity	Recognizes mouse Interleukin-1 beta (IL-1b)
Preparation and Storage	May be stored at 4 degree C before opening. DO NOT FREEZE! Stable at 4 degree C as an undiluted liquid. Dilute only prior to immediate use. Stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer. Freezing alkaline phosphatase conjugates will result in a substantial loss of activity.
Immunogen	Recombinant mouse Interleukin-1 beta (IL-1b), expressed in E. coli
Conjugate	AP
Note	Preservative Free
Special Handling	Hygroscopic. Keep tightly closed and desiccated.
Product Categories/Family for anti-IL1b antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL1b antibody	Neutralization, ELISA (EIA), Western Blot (WB)
Application Notes for anti-IL1b antibody	Neutralization: 0.57-0.86ug/ml. Yields one-half maximal inhibition [ND50] of the biological activity (50ng/ml)). ELISA: >0.5ug/ml. Detects by direct ELISA (100ul/well), 0.2-0.4ng/well of mouse Interleukin 1 beta (IL1b). WB: 0.1-0.2ug/ml. Detects1.5-3.0ng/lane, under either reducing or non-reducing conditions. Applications are based on unconjugated antibody.
Related Product Information for anti-IL1b antibody	MBS6482435 is an antibody targeting IL1b. Also known as Interleukin 1 beta (IL1b, IL-1 beta, Catabolin, Hematopoietin 1, H1, IFN beta Inducing Factor, IL1F2, LAF, OAF, Osteoclast Activating Factor, Preinterleukin beta, Pro Interleukin 1 beta) (AP). Reactive in Mouse. 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.

Protein Family	Interleukin

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