

Biotin anti-mouse IL-1 β

Catalog # / Size: 515801 / 5 Plates

Clone: Poly5158

Isotype: Goat Ig

Immunogen: Recombinant mouse IL-1 β

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Storage: The antibody solution should be stored undiluted at 4°C. Do not freeze.

Applications:

Applications: ELISA Detection - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For ELISA detection, the suggested use of this reagent is 1:200 dilution. To obtain a linear standard curve, serial dilutions of IL-1 β recombinant protein ranging from 2000 to 30 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: ELISA Detection: The biotinylated Poly5158 antibody is useful as a detection antibody for a sandwich ELISA assay, when used in conjunction with purified B122 antibody (Cat. No. 503502) as the capture antibody.

Description: IL-1 refers to two proteins, IL-1 α and IL-1 β which are the products of distinct genes, but which are recognized by the same cell surface receptors. IL-1 β is a potent immuno-modulator which mediates a wide range of immune and inflammatory responses including the activation of B and T cells. The Poly5158 antibody reacts with the precursor and mature secreted forms of mouse IL-1 β .

Antigen References:

1. Fitzgerald K, *et al.* Eds. 2001. *The Cytokine FactsBook*. Academic Press San Diego.
2. Bomford R, *et al.* Eds. 1989. *Interleukin-1 inflammation and disease*. Elsevier New York.
3. Brazel D, *et al.* 1991. *Biotechnol. Ther.* 2:241.
4. Dinarello C *et al.* 1996. *Blood* 87:2095.

Related Products: **Product**

Purified anti-mouse / rat IL-1 β

Clone

B122

Application

ELISA Capture, IHC, IP, WB



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