

Product Data Sheet

Purified anti-human IL-1 β

Catalog # / Size: 511601 / 50 μ g
511602 / 500 μ g

Clone: H1b-27

Isotype: Mouse IgG2b, κ

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.

Applications:

Applications: ELISA Capture - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 2-6 μ g/ml is recommended. To obtain a linear standard curve, serial dilutions of IL-1 β recombinant protein ranging from 250 to 2 μ g/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.

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.

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. 1996. *Blood* 87:2095.

Related Products:	Product	Clone	Application
	Recombinant Human IL-1 β	rh IL-1B	BA, ELISA
	HRP Streptavidin		ELISA, ELISPOT, IHC, WB
	TMB Substrate Reagent Set		ELISA
	ELISA Assay Diluent (5X)		ELISA
	ELISA Wash Buffer (20X)		ELISA
	ELISA Coating Buffer (5X)		ELISA
	Biotin anti-human IL-1 β	H1b-98	ELISA Detection, ELISPOT Detection, IF



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