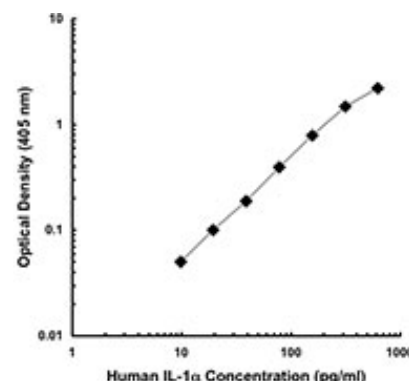


Purified anti-human IL-1 α

Catalog # / Size: 500104 / 500 μ g
Clone: 364-3B3-14
Isotype: Mouse IgG1, κ
Immunogen: Recombinant human IL-1 α
Reactivity: Human, **Cross-Reactivity***: Rhesus
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*
 IHC - *Reported in the literature*

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 α recombinant protein ranging from 500 to 4 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 or ELISPOT Capture¹:** The purified 364-3B3-14 antibody is useful as the capture antibody in a sandwich ELISA or ELISPOT assay, when used in conjunction with the biotinylated BL-5015 antibody (Cat. No. 500201) as the detecting antibody. The LEAF™ purified antibody is suggested for ELISPOT capture.
Additional reported applications (for the relevant formats) include: immunohistochemistry³. The 364-3B3-14 is a non-neutralizing antibody.

Application References:

1. Thorpe, R., *et al.* 1988. *Lymphokine Res.* 2:119.
2. Prussin, C., *et al.* 1995. *J. Immunol. Meth.* 188:117.
3. Andersson, U., *et al.* 1999. *Detection and quantification of gene expression.* New York:Springer-Verlag.
4. Enriquez, J., *et al.* 2002. *Adv. Perit Dial.* 18:177.

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 α is a potent immuno-modulator which mediates a wide range of immune and inflammatory responses. The 364-3B3-14 antibody reacts with human interleukin-1 α (IL-1 α). The 364-3B3-14 antibody is a non-neutralizing antibody.

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 α		BA, ELISA
	HRP Avidin	Avidin	ELISA, ELISPOT, IHC, WB
	TMB Substrate Reagent Set		ELISA
	ELISA Assay Diluent (5X)		ELISA
	Biotin anti-human IL-1 α	BL-5015	ELISA Detection, ELISPOT Detection



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