Anti-Human IL-1 alpha FITC

Catalog Number: 11-7118
Also Known As: Interleukin-1 alpha
RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Contents: Anti-Human IL-1 alpha FITC
REF **Catalog Number:** 11-7118
Clone: 364/3B3-14
Concentration: ug size: 0.5 mg/mL; test size: 5 uL (0.5 ug)/test
Host/Isotype: Mouse IgG1
Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.
LOT **Batch Code:** Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

Description
The 364/3B3-14 antibody reacts with human interleukin-1alpha.

Applications Reported
The 364/3B3-14 antibody has been reported for use as capture antibody in a human IL-1α ELISA and for intracellular staining for flow cytometric analysis.

Applications Tested
This 364/3B3-14 antibody is offered in 2 formats:

- µg size: has been tested by intracellular staining and flow cytometric analysis. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

- test size: has been pre-titrated and tested by intracellular staining and flow cytometric analysis. This can be used at 5 µL (0.5 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References
Thorpe, R., et al. 1988. Sensitive and specific immunoradiometric assay for human IL-1alpha. Lymphokine Res. 2: 119-127.
Sassi, A., et al. 2005. Mechanisms of the natural reactivity of lymphocytes from noninfected individuals to membrane-associated leishmania infantum antigens. 174: 3598-3607. (ELISA)

Caricchio, R., et al. 2003. Ultraviolet B radiation-induced cell death: critical role of ultraviolet dose in inflammation and lupus autoantigen redistribution. J. Immunol. 171: 5778-5786. (Intracellular staining).

Garth, L.J., et al. 2001. Dendritic cell activation and cytokine production induced by group B neisseria meningitidis: interleukin-12 production depends on lipopolysaccharide expression in intact bacteria. Infect. Immunity. 69: 4351-4357. (Intracellular staining).

Related Products
00-8222 IC Fixation Buffer
00-8333 Permeabilization Buffer (10X)
11-4714 Mouse IgG1 K Isotype Control FITC (P3.6.2.8.1)
88-8824 Intracellular Fixation & Permeabilization Buffer Set

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