

## Anti-Human IL-1 alpha Purified

**Catalog Number:** 14-7118

**Also Known As:** Interleukin-1 alpha

**RUO: For Research Use Only**

### Product Information

**Contents:** Anti-Human IL-1 alpha Purified

 **Catalog Number:** 14-7118

**Clone:** 364/3B3-14

**Concentration:** 0.5 mg/mL

**Host/Isotype:** Mouse IgG1

**Formulation:** aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



**Temperature Limitation:** Store at 2-8°C.



**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 intracellular staining for flow cytometric analysis.

### Applications Tested

The fluorochrome-conjugated 364/3B3-14 antibody is offered in 2 formats:

- µg size: has been tested by intracellular staining for flow cytometric analysis and can be used at less than or equal to 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<sup>5</sup> to 10<sup>8</sup> 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 for flow cytometric analysis and can be used at 20 µl 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<sup>5</sup> to 10<sup>8</sup> 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

00-4202 ELISA Diluent Solution (5X)

13-7017 Anti-Human IL-1 alpha Biotin (CRM6)

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.1)

18-4100 Avidin HRP

44-2404 Nunc MaxiSorp® flat-bottom 96 well plate

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