

Anti-Mouse IL-1 beta SAFIRE Purified

Catalog Number :82212-25

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Clone: B122

Format/Conjugate: SAFIRE Purified

Concentration: 1 mg/mL

Reactivity: Mouse, Rat

Laser: Not Applicable

Peak Emission: Not Applicable

Peak Excitation: Not Applicable

Filter: Not Applicable

Brightness (1=dim,5=brightest): Not Applicable

Isotype: Armenian Hamster IgG

Formulation: Phosphate-buffered aqueous solution, pH7.2.

Storage: Product should be kept at 2-8°C.

Applications: FA, Neutralization

Description

The B122 monoclonal antibody specifically reacts with the precursor and mature secreted forms of mouse IL-1 β and is cross-reactive with rat IL-1 β . IL-1 α and IL-1 β are recognized by the same cell surface receptor but are generated from distinct genes. The B122 antibody is reported to neutralize the bioactivity of natural or recombinant IL-1 β .

Preparation & Storage

The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography.

Application Notes

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

References

1. Hogquist, K. A., Nett, M. A., Sheehan, K. C., Pendleton, K. D., Schreiber, R. D., Chaplin, D. D. (1991). Generation of monoclonal antibodies to murine IL-1 beta and demonstration of IL-1 in vivo.;The Journal of immunology,;146(5), 1534-1540.
2. Fei, R., Gott, K., Edwards, B., Schuyler, M. (1995). Experimental hypersensitivity pneumonitis: in vitro effects of interleukin-2 and interferon-gamma.;The Journal of laboratory and clinical medicine,;126(5), 485-494.
3. Miller, B. E., Krasney, P. A., Gauvin, D. M., Holbrook, K. B., Koonz, D. J., Abruzzese, R. V., ... Ator, M. A. (1995). Inhibition of mature IL-1 beta production in murine macrophages and a murine model of inflammation by WIN 67694, an inhibitor of IL-1 beta converting enzyme.;The Journal of Immunology,154(3), 1331-1338.