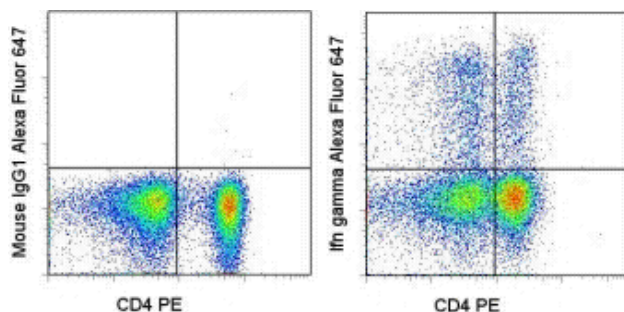


Anti-Human IFN gamma Alexa Fluor[®] 647

Catalog Number: 51-7319

Also Known As: Interferon gamma

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



Normal human peripheral blood cells were stimulated with (right) or without (left) PMA/ionomycin in the presence of monensin for 5 hrs. Cells were harvested, fixed and permeabilized and stained with Anti-Human CD4 PE (cat. 12-0049) and Anti-Human IFN gamma Alexa Fluor[®] 647. Total cells were used for analysis.

Product Information

Contents: Anti-Human IFN gamma Alexa Fluor[®] 647


REF **Catalog Number:** 51-7319

Clone: 4S.B3

Concentration: 5 uL (0.06 ug)/test


Host/Isotype: Mouse IgG1, kappa

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 4S.B3 monoclonal antibody reacts with interferon-gamma (IFN gamma). The 4S.B3 antibody is a neutralizing antibody. Human IFN gamma is a 17 kDa factor produced by activated T and NK cells and is an anti-viral and anti-parasitic cytokine. IFN gamma in synergy with other cytokines, such as TNF alpha, inhibits proliferation of normal and transformed cells. Immunomodulatory effects of IFN gamma are exerted on a wide range of cell types expressing the high affinity receptors for IFN gamma. Glycosylation of IFN gamma does not affect its biological activity.

Applications Reported

This 4S.B3 antibody has been reported for use in ELISA, neutralization, ELISPOT, and intracellular staining with flow cytometric analysis.

Applications Tested

This 4S.B3 antibody has been pre-titrated and tested by intracellular staining and flow cytometric analysis of activated human cells. This can be used at 5 µl (0.06 µg)/per test. A test is defined as the amount (µg)/test 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 10⁵ to 10⁸ cells/test.

References

Meager, A., S. Parti, et al. (1984). Detection of hybridomas secreting monoclonal antibodies to human gamma interferon using a rapid screening technique and specificity of certain monoclonal antibodies to gamma interferon. *J Interferon Res* 4(4): 619-25.

Related Products

12-0049 Anti-Human CD4 PE (RPA-T4)

51-4714 Mouse IgG1 K Isotype Control Alexa Fluor[®] 647 (P3.6.2.1)

88-7316 Human IFN gamma ELISA Ready-SET-Go![®]

88-8823 Fixation & Permeabilization Buffers

Legal

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