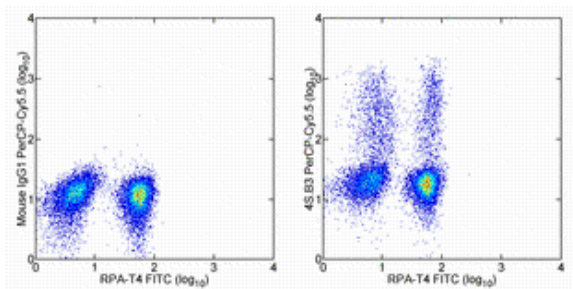


Anti-Human IFN gamma PerCP-Cyanine5.5

Catalog Number: 45-7319

Also Known As: Interferon gamma

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



Intracellular staining of normal human peripheral blood cells stimulated for 5 hours with PMA/Ionomycin in the presence of Monensin with Anti-Human CD4 APC (cat. 17-0049) and Mouse IgG1 K Isotype Control PerCP-Cyanine5.5 (cat. 45-4714) (left) or Anti-Human IFN gamma PerCP-Cyanine5.5 (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human IFN gamma PerCP-Cyanine5.5


REF **Catalog Number:** 45-7319

Clone: 4S.B3

Concentration: 5 µL (0.06 µg)/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

 **Contains sodium 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-γ 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 intracellular staining followed by flow cytometric analysis.

Applications Tested

This 4S.B3 antibody has been pre-titrated and tested by intracellular staining of stimulated normal human peripheral blood cells. This can be used at 5 µL (0.06 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 10⁵ to 10⁸ cells/test.

References

Meager A, Parti S, Barwick S, Spragg J, O'Hagan K. 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. 1984 Fall;4(4):619-25.

Related Products

17-0049 Anti-Human CD4 APC (RPA-T4)

45-4714 Mouse IgG1 K Isotype Control PerCP-Cyanine5.5 (P3.6.2.8.1)

45-7311 Anti-Mouse IFN gamma PerCP-Cyanine5.5 (XMG1.2)

88-8823 Intracellular Fixation & Permeabilization Buffer (plus Brefeldin A) (previously named IC Fixation & Permeabilization Buffer)

Legal

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