

Anti-Human IFN gamma APC

Catalog Number: 17-7319

Also Known As: Interferon gamma

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

Product Information

Contents: Anti-Human IFN gamma APC

REF **Catalog Number:** 17-7319

Clone: 4S.B3

Concentration:

(ug): 0.2 mg/mL

(test*): 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.



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 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

The 4S.B3 antibody has been reported for use in intracellular flow cytometric analysis.

Applications Tested

This 4S.B3 antibody is tested by intracellular staining and flow cytometric analysis of activated human cells. It is offered in 2 formats:

- µg size: has been tested by flow cytometric analysis of activated human cells. This can be used at less than or equal to 0.125 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. 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 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) 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

00-8222 IC Fixation Buffer

00-8333 Permeabilization Buffer (10X)

17-4714 Mouse IgG1 K Isotype Control APC (P3.6.2.1)

88-8823 Fixation & Permeabilization Buffers

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