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## Anti-Human IFN gamma Purified

**Catalog Number:** 14-7319

**Also Known As:** Interferon gamma

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

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### Product Information

**Contents:** Anti-Human IFN gamma Purified

 **Catalog Number:** 14-7319

**Clone:** 4S.B3

**Concentration:** 0.5 mg/mL


**Host/Isotype:** Mouse IgG1, kappa

**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**

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### 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

Unlabeled 4S.B3 has been reported for use as a cold mAb control to block fluorochrome conjugated 4S.B3 in staining of intracellular IFN gamma.

### Applications Tested

The 4S.B3 antibody has been tested as a cold mAb control to block fluorochrome conjugated 4S.B3 in staining of intracellular IFN gamma. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### 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

00-4202 ELISA Diluent Solution (5X)

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

18-4100 Avidin HRP

39-8319 Human IFN gamma Single-Use ELISA RSG Standard

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

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