

IFN gamma Monoclonal Antibody (4S.B3), eBioscience™

Product Details	
Size	500 µg
Species reactivity	Human
Published species	Human, Mouse, Rat, Rhesus monkey
Host / Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	4S.B3
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4°C
RRID	AB_468478

Applications	Tested Dilution	Publications
ELISA (ELISA)	-	2 Publications
Flow Cytometry (Flow)	Assay-Dependent	31 Publications
Immunocytochemistry (ICC/IF)	-	1 Publication
Neutralization (Neu)	-	1 Publication

Product Specific Information

Description: The 4S.B3 monoclonal antibody reacts with interferon-gamma (IFN gamma). 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.

Purity: Greater than 90%, as determined by SDS-PAGE.

Aggregation: Less than 10%, as determined by HPLC.

Filtration: 0.2 µm post-manufacturing filtered.

Visit thermofisher.com to view references and figures.

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