

Anti-IFN gamma [AF2] Bulk Size Ab00725-10.0-BT

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Kappa

Clone Number: AF2

Alternative Name(s) of Target: Interferon gamma; Immune interferon ; IFN-gamma; IFNG

UniProt Accession Number of Target Protein: P01579

Published Application(s): ICC, WB, Block, ELISA, IHC

Published Species Reactivity: Human

Immunogen: Human IFN γ .

Specificity: The antibody binds to IFN γ with an IC₅₀ of 65 pM and an affinity (K_d) of 19.3 nM.

Application Notes: The antibody binds specifically to IFN γ , a dimerised soluble cytokine member of the type II class of interferons synthesised by activated T-lymphocytes and natural killer (NK) cells. . IFN γ plays a role in both the innate and adaptive immune responses, an

Antibody First Published in: Thakur AB, Landolfi NF. A potent neutralizing monoclonal antibody can discriminate amongst IFN γ from various primates with greater specificity than can the human IFN γ receptor complex. Mol Immunol. 1999 Oct-Nov;36(15-16):1107-15. [PMID:10698312](#)

Note on publication: Describes the generation of the anti-IFN γ monoclonal antibody AF2, and its ability to neutralise the activity of IFN γ in humans compared to other primates.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.