

Anti-IFN gamma [A4] Standard Size Ab00633-10.0

This full-length, reformatted human antibody was made using the variable domain sequences of the original Human scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Kappa

Clone Number: A4

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

UniProt Accession Number of Target Protein: P01579

Published Application(s): Biacore, ELISA

Published Species Reactivity: Human

Immunogen: 2D-PAGE gel isolated human IFN gamma from lysate of human melanoma COLO-38 cells.

Specificity: This antibody binds to human Interferon gamma

Application Notes: The antibody binds specifically to IFN gamma, 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, and is important in the activation of macrophages, induces the expression of MHC class I molecules, and has antiviral and immunoregulatory activities.

Antibody First Published in: Pini et al. Design and use of a phage display library. Human antibodies with subnanomolar affinity against a marker of angiogenesis eluted from a two-dimensional gel. J Biol Chem. 1998 Aug 21;273(34):21769-76. [PMID:9705314](#)

Note on publication: Describes generation, using phage display, of antibodies with subnanomolar affinity against markers of angiogenesis.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.