

## Anti-IFN gamma [A4] Bulk Size Ab00633-10.6-BT

This is a Fab fragment with a his-tag.

This 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 Fab fragment, His-Tagged, 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 $\gamma$  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:** 1 mg Purified antibody in bulk size.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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.