

Anti-IFN- γ [YC1] Bulk Size Ab02603-3.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG2b, Fc Silent™, Kappa

Clone Number: YC1

Alternative Name(s) of Target: Interferon gamma; Interferon-gamma; IFN-gamma; IFNG; IFN- γ ; Type II interferon

UniProt Accession Number of Target Protein: P49708

Published Application(s): neutralizing, WB, ELISA

Published Species Reactivity: Chicken

Immunogen: The original antibody was raised by immunizing BALB/c mice with recombinant chicken IFN- γ .

Specificity: The antibody binds specifically to IFN-gamma, a dimerized soluble cytokine and the only member of the type II class of interferon.

Application Notes: The specificity of this antibody (IgG2b) was confirmed by ELISA analysis. The IFN- γ ELISA was also capable of measuring cytokine levels in the sera of chickens orally infected with Eimeria maxima. The antibody detected the recombinant IFN- γ by western blot analysis. The antibody was capable of neutralizing IFN- γ bioactivity against virus-infected cells (Yun et al., 2000; pmid: 10713342).

Antibody First Published in: Yun et al. Chicken IFN-gamma monoclonal antibodies and their application in enzyme-linked immunosorbent assay. Vet Immunol Immunopathol. 2000;73(3-4):297-308.

[PMID:10713342](#)

Note on publication: The paper describes the generation and characterization of the antibody, specific for chicken IFN- γ for the purpose of developing an IFN- γ -specific enzyme-linked immunosorbent assay.

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.