

Anti-IL-15 [M4-7] Bulk Size Ab02598-3.3-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: M4-7

Alternative Name(s) of Target: Interleukin-15; Interleukin; IL15

UniProt Accession Number of Target Protein: F1NZN5

Published Application(s): neutralizing, WB, ELISA

Published Species Reactivity: Chicken

Immunogen: The original antibody was raised by immunising BALB/c mice with IL-15.

Specificity: The antibody binds specifically to chicken IL-15, a cytokine with structural similarity to interleukin-2, another T cell growth factor important in the regulation of cell-mediated immunity. The antibody did not react with IL-2 or IFN- γ .

Application Notes: The specificity of this antibody (IgG2b) was confirmed in ELISA analysis. The antibody detected the recombinant chIL-15 by western blot analysis. Further, the antibody inhibited the IL-15-induced proliferation of splenic lymphoblast cells in a dose-dependent manner, when used at 20 mg/ml, the antibody inhibited proliferation by 56.7% (Min et al, 2002; pmid: 12088644).

Antibody First Published in: Min et al. Development and characterization of monoclonal antibodies to chicken interleukin-15. Vet Immunol Immunopathol. 2002;88(1-2):49-56. [PMID:12088644](#)

Note on publication: The paper describes the generation and characterization of the antibody, which is specific for chIL-15.

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.