

Anti-IL-6 [1.15.4] Bulk Size Ab02595-2.0-BT

Isotype and Format: Mouse IgG2a, Kappa

Clone Number: 1.15.4

Alternative Name(s) of Target: Interleukin 6; Interleukin-6; ChIL-6; chicken IL-6

UniProt Accession Number of Target Protein: Q90YI0

Published Application(s): neutralizing, WB, ELISA

Published Species Reactivity: Chicken

Immunogen: The original antibody was raised by immunising BALB/C mice with recombinant chicken IL-6.

Specificity: This antibody binds specifically to chicken IL-6, an interleukin that acts as both a pro-inflammatory cytokine and an anti-inflammatory myokine (cytokine produced from muscle).

Application Notes: The specificity of this antibody (IgG2a) towards the native protein chIL-6 was confirmed in ELISA analysis. The antibody detected the denatured chIL-6 by western blot. The antibody shows inhibitory activity on murine IL-6 on a B9 hybridoma cell bioassay. The bioassay was run with varying concentrations of the antibody in order to determine the effective concentration for neutralizing IL-6. (Scott et al, 2006; pmid: 16930722).

Antibody First Published in: Scott et al. Monoclonal antibodies against chicken interleukin-6. Vet Immunol Immunopathol. 2006;114(1-2):173-177 [PMID:16930722](#)

Note on publication: The paper describes the generation and characterization of the antibody, which is specific for chIL-6.

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.