

## 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.