

Anti-IL-5 [2F2] Standard Size Ab01126-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 2F2

Alternative Name(s) of Target: interleukin 5; IL5; IL 5; Eosinophil differentiation factor

UniProt Accession Number of Target Protein: C9JQP9

Published Application(s): neutralising, ELISA

Published Species Reactivity: Human

Immunogen: This antibody was raised by immunising CAF1 mice with human recombinant IL-5.

Specificity: This antibody is specific for human rIL-5, and does not cross-react with human rIL-1 α , rIL-1 β , rIL-4, rIL-8, rM-CSF, or rTGF- α .

Application Notes: This antibody has been shown to inhibit the binding of human rIL-5 to the alpha chain of the IL-5 receptor (Ames et al, 1995). This antibody inhibits the proliferation of murine B13 cells in response to human IL-5 (Ames et al, 1995). Neutralising antibodies against IL-5 represent a potential therapeutic strategy for the treatment of eosinophilia. The specificity of this antibody for human IL-5 has been confirmed in ELISA analysis (Ames et al, 1995).

Antibody First Published in: Ames et al. Neutralizing murine monoclonal antibodies to human IL-5 isolated from hybridomas and a filamentous phage Fab display library. J. Immunol. 154 (12), 6355-6364 (1995) [PMID:7759873](#)

Note on publication: Describes the original generation of this antibody, and its characterisation and use in ELISA.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.