

## Anti-IL-5 [2E3] Standard Size Ab01127-2.3

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 IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** 2E3

**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-1α, rIL-1β, 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.