



Datasheet for ABIN6964027

anti-IL-5 antibody



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Overview

Quantity:	500 µg
Target:	IL-5 (IL5)
Reactivity:	Human, Non-Human Primate
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This IL-5 antibody is un-conjugated
Application:	Neutralization (Neut)

Product Details

Immunogen:	Mouse IL-5
Clone:	TRFK5
Isotype:	IgG1
Specificity:	Native and recombinant IL-5.
Cross-Reactivity (Details):	The antibody cross-reacts with IL-5 from non-human primates. Cross-reactivity has been tested in ELISA and/or ELISpot.
Purification:	Purified from in vitro cultures by protein G affinity chromatography.

Target Details

Target:	IL-5 (IL5)
Alternative Name:	IL5 (IL5 Products)

Target Details

Gene ID: 3567

Pathways: [JAK-STAT Signaling](#), [Positive Regulation of Peptide Hormone Secretion](#), [Production of Molecular Mediator of Immune Response](#), [Feeding Behaviour](#)

Application Details

Application Notes: Neutralization of human IL-5 and mouse IL-5 bioactivity. It is recommended to establish the optimal antibody concentration for the assay system used. The antibody is also suitable for immunoassays.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: supplied at 1 mg/mL in PBS free of preservatives

Preservative: Without preservative

Storage: 4 °C, -20 °C

Storage Comment: Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/ thawing.

Expiry Date: 18 months

Publications

Product cited in: Dickason, Huston, Huston: "Enhanced detection of human IL-5 in biological fluids utilizing murine monoclonal antibodies which delineate distinct neutralizing epitopes." in: **Cytokine**, Vol. 6, Issue 6, pp. 647-56, (1995) ([PubMed](#)).

Schumacher, OGarra, Shrader, van Kimmenade, Bond, Mosmann, Coffman: "The characterization of four monoclonal antibodies specific for mouse IL-5 and development of mouse and human IL-5 enzyme-linked immunosorbent." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 141, Issue 5, pp. 1576-81, (1988) ([PubMed](#)).