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Datasheet for ABIN6964015

anti-IL-5 antibody

3 Publications

Overview

Quantity:	500 µg
Target:	IL-5 (IL5)
Reactivity:	Mouse
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.
Purification:	Purified from in vitro cultures by protein G affinity chromatography.

Target Details

Target:	IL-5 (IL5)
Alternative Name:	IL5 (IL5 Products)
Gene ID:	16191
Pathways:	JAK-STAT Signaling , Positive Regulation of Peptide Hormone Secretion , Production of

Target Details

Molecular Mediator of Immune Response, Feeding Behaviour

Application Details

Application Notes: Neutralization of mouse IL-5 and human 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: Stathopoulos, Sherrill, Karabela, Goleniewska, Kalomenidis, Roussos, Fingleton, Yull, Peebles, Blackwell: "Host-derived interleukin-5 promotes adenocarcinoma-induced malignant pleural effusion." in: **American journal of respiratory and critical care medicine**, Vol. 182, Issue 10, pp. 1273-81, (2010) ([PubMed](#)).

McKee, Munks, MacLeod, Fleenor, Van Rooijen, Kappler, Marrack: "Alum induces innate immune responses through macrophage and mast cell sensors, but these sensors are not required for alum to act as an adjuvant for specific immunity." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 183, Issue 7, pp. 4403-14, (2009) ([PubMed](#)).

Eum, Hailé, Lefort, Huerre, Vargaftig: "Eosinophil recruitment into the respiratory epithelium following antigenic challenge in hyper-IgE mice is accompanied by interleukin 5-dependent bronchial hyperresponsiveness." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 92, Issue 26, pp. 12290-4, (1996) ([PubMed](#)).