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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-IL-4 [12-6-68] Bulk Size Ab03714-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 12-6-68

Alternative Name(s) of Target: IL4; BSF-1; Interleukin-4; B-cell stimulatory factor 1; Binetrakin; Lymphocyte stimulatory factor 1; Pitrakinra

UniProt Accession Number of Target Protein: P05112

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing BALB/c mice subcutaneously with 25 µg of human IL-4 in 100 µl of 150 mM sodium chloride emulsified with 100 µl of complete Freund's adjuvant.

Specificity: This antibody binds human IL-4. Interleukin-4 is a cytokine secreted primarily by mast cells, T-cells, eosinophils, and basophils that plays a role in regulating antibody production, hematopoiesis and inflammation, and the development of effector T-cell responses. It induces differentiation of naive helper T cells (Th0 cells) to Th2 cells. It also induces expression of class II MHC molecules on resting B-cells and enhances both secretion and cell surface expression of IgE and IgG1.

Application Notes: The binding of this antibody to human IL-4 was confirmed with ELISA (PMID: 12825686).

Antibody First Published in: Ehsani et al. Expression of anti human IL-4 and IL-6 scFvs in transgenic tobacco plants. Plant Mol Biol. 2003 May;52(1):17-29. [PMID:12825686](#)

Note on publication: Describes the expression of two murine antibodies in Agrobacterium tumefaciens.

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.