



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-IL-4 [12-6-68] Bulk Size Ab03714-10.0-BT

**Isotype and Format:** Human IgG1, 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.