



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## Anti-IL-4 [OX-81] Standard Size Ab00556-8.1

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rat IgG2b, Kappa

**Clone Number:** OX-81

**Alternative Name(s) of Target:** OX81; MRC OX-81; MRC OX81; interleukin 4; interleukin-4; IL4; B-cell IGG differentiation factor; B-cell growth factor 1; B-cell stimulatory factor 1; BSF-1; BSF1; Lymphocyte stimulatory factor 1

**UniProt Accession Number of Target Protein:** P20096

**Published Application(s):** Block, FC

**Published Species Reactivity:** Rat

**Immunogen:** OX-81 was prepared by immunizing BALB/c mice with full-length IL-4.

**Specificity:** OX-81 binds specifically to IL-4. IL-4 is a globular signalling protein which is involved in the stimulation of activated B and T cell proliferation and the differentiation of B cells into plasma cells. IL-4 also regulates B cell class switching to IgE, upregulates MHC class II expression and plays a role in the inflammation response and wound repair.

**Application Notes:** OX-81 can be used to neutralise the effects produced by IL-4 and for FC studies.

**Antibody First Published in:** Mason et al. Prevention of experimental allergic encephalomyelitis in rats by targeting autoantigen to B cells: evidencethat the protective mechanism depends on changes in the cytokine response and migratory properties of theautoantigen-specific T cells. J Exp Med. 1995 Aug 1;182(2):335-44. [PMID:7543135](#)

**Note on publication:** Describes the use of OX-81 in identifying the role of IL-4 in preventing EAE (experimental allergic encephalomyelitis) induction by anti-IgD-peptide pretreatment. Pretreatment with OX60-pep prevented the development of EAE it was observed that injection

## 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.