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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-IL-4 [OX-81] Bulk Size Ab00556-8.4-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 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, Fc Silent™, 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: 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.