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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-IL-4 [OX-81] Bulk Size Ab00556-8.1-BT

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: 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 recommed 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.