



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-IL-8 [M36-11] Bulk Size Ab03217-3.3-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 chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Mouse IgG2b, [Fc Silent™](#), Lambda

Clone Number: M36-11

Alternative Name(s) of Target: IL8; Interleukin-8; CXCL8; C-X-C motif chemokine 8; Chemokine (C-X-C motif) ligand 8; Emotakin; Granulocyte chemotactic protein 1; GCP-1; Monocyte-derived neutrophil chemotactic factor; MDNCF; Monocyte-derived neutrophil-activating peptide; MONAP; Neutrophil-activating protein 1; NAP-1; Protein 3-10C; T-cell chemotactic factor; 4-123-36

UniProt Accession Number of Target Protein: P10145

Published Application(s): Block, ELISA

Published Species Reactivity: Human

Immunogen: The original antibody 4-123-36 was isolated from a human single domain antibody (scFv) library by screening the library against extracellular portions of the human IL-8. Affinity maturation of this clone using mutagenesis by error-prone PCR resulted in the generation of M36-11.

Specificity: This antibody binds human interleukin-8. Interleukin-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus.

Application Notes: The binding of this affinity-matured antibody to hIL8 was analyzed using ELISA. This antibody is capable of blocking the biological activity of human interleukin 8 at a concentration of 1 and 10 µg/mL in a neutrophil chemotaxis assay (PMID: 20718039).

Antibody First Published in: Ding et al. Generation of high-affinity fully human anti-interleukin-8 antibodies from its cDNA by two-hybrid screening and affinity maturation in yeast. Protein Sci. 2010 Oct; 19(10): 1957–1966. [PMID:20718039](#)

Note on publication:

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.