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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-IL-8 [928 (46G8)] Standard Size Ab03215-3.3

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 IgG2 format for improved compatibility with existing reagents assays and techniques.

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

Clone Number: 928 (46G8)

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

UniProt Accession Number of Target Protein: P10145

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing cohorts of XMG2 XENOMOUSE® transgenic mice with recombinant human Interleukin-8 (rhIL-8).

Specificity: This antibody binds human IL-8 and specifically recognizes an epitope containing amino acids sequence 'ELRCQCIKTYSK'. 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: This antibody binds human interleukin 8 with a very high affinity of $K_d = 0.06$ pM. The binding characterization of this antibody was done using ELISA (PMID: 16038881; US20140105905).

Antibody First Published in: Rathanaswami et al. Demonstration of an in vivo generated sub-picomolar affinity fully human monoclonal antibody to interleukin-8. *Biochem Biophys Res Commun.* 2005 Sep 9;334(4):1004-13. [PMID:16038881](#)

Note on publication: Describes the generation of an antibody with sub-picomolar affinity for human interleukin-8.

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.