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Produktinformation



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-EGFR [Matuzumab] Standard Size Ab00534-2.0

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 IgG2a, Kappa

Clone Number: Matuzumab

Alternative Name(s) of Target: Epidermal Growth Factor Receptor; mAb425

UniProt Accession Number of Target Protein: P00533

Published Application(s): WB, Block, FC

Published Species Reactivity: Human

Immunogen: Domain III of the extracellular domain of human EGFR.

Specificity: Binds to human EGFR.

Application Notes: This antibody binds to human EGFR at a site distinct from the antigen binding site, preventing conformational re-arrangement required for dimerization, a process essential for high-affinity ligand binding (Schmiedel 2008).

Antibody First Published in: Murthy et al. Binding of an antagonistic monoclonal antibody to an intact and fragmented EGF-receptor polypeptide. Arch Biochem Biophys. 1987 Feb 1;252(2):549-60.

[PMID:2434025](#)

Note on publication: Describes the generation of the parental murine antibody mAb425 against human A431 carcinoma cells and its action on human EGFR.

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.