



# 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

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## Anti-EGFR [Matuzumab] Standard Size Ab00534-1.1

This chimeric murine 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 IgG1, 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.