

Anti-EGFR [Matuzumab] Bulk size

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Description: Recombinant monoclonal antibody to EGFR. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the therapeutic antibody Matuzumab.

This chimeric rabbit 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: Rabbit IgG, kappa

Clone Number: Matuzumab

UniProt Accession Number of Target Protein:

Published Application(s): Block; FC; WB

Published Species Reactivity: Human

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

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. 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

This is a Bulk size product. 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: See vial label

Product Code: Ab00534-23.0-BT

Rabbit IgG

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.