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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-EGFR domain III [h-R3 (Nimotuzumab)] Bulk Size Ab00723-23.0-BT

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: h-R3 (Nimotuzumab)

Alternative Name(s) of Target: ERBB-D3; ERBB1; HER1; PIG61; mENA; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog; cell growth inhibiting protein 40; cell proliferation-inducing protein 61; proto-oncogene c-ErbB-1; receptor tyrosine-protein kinase erbB-1; epidermal growth factor

UniProt Accession Number of Target Protein: P00533

Published Application(s): Block, FC, IHC

Published Species Reactivity: Human

Immunogen: This antibody was generated by humanisation of the murine antibody R3, raised against EGFR purified from placenta membranes and A431 tumors.

Specificity: Binds to human EGFR domain III at a site distinct from antibody 7A7 (Ab00134) (Talavera et al. 2011)

Application Notes: This antibody binds to human EGFR and inhibits EGF-dependent clonogenic growth of NRK cells and completely blocks EGF stimulated autophosphorylation of the receptor (Fernandez 1992)

Antibody First Published in: Fernandez et al. A new monoclonal antibody for detection of EGF-receptors in western blots and paraffin-embedded tissue sections. J Cell Biochem. 1992 Jun;49(2):157-65.

[PMID:1400622](#)

Note on publication: Describes the generation and characterisation of the R3 antibody from which h-R3 was generated by humanisation.

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.