

Datasheet for ABIN7543062

Recombinant anti-EGFR (Nimotuzumab Biosimilar) antibody



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Overview

Quantity:	200 µg
Target:	EGFR (Nimotuzumab Biosimilar)
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This EGFR (Nimotuzumab Biosimilar) antibody is un-conjugated
Application:	Blocking Reagent (BR), Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-EGFR domain III [h-R3 (Nimotuzumab)], Mouse IgG2a, kappa
Immunogen:	This antibody we generated by humanisation of the murine antibody R3, raised against EGFR purified from placenta membranes and A431 tumors.
Clone:	H-R3
Isotype:	IgG2a kappa
Specificity:	Binds to human EGFR domain III at a site distinct from antibody 7A7 (Ab00134) (Talavera et al. 2011)
Characteristics:	Original Species of Ab: Human Original Format of Ab: IgG1
Purification:	Protein A affinity purified

Target Details

Target:	EGFR (Nimotuzumab Biosimilar)
Abstract:	EGFR (Nimotuzumab Biosimilar) Products
Target Type:	Biosimilar
Background:	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:	P00533

Application Details

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)
Comment:	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.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.