

Product datasheet for **TA386076**

EGFR Mouse Monoclonal Antibody [Clone ID: h-R3 (Nimotuzumab)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	h-R3 (Nimotuzumab)
Applications:	BI, FC, IHC
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
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) 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)
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	epidermal growth factor receptor
Database Link:	Entrez Gene 1956 Human P00533
Synonyms:	ERBB; ERBB1; HER1; mENA; PIG61
Note:	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.



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