



Human Anti-Human EGFR (Nimotuzumab) Monoclonal Antibody, clone Nimotuzumab [Biosimilar] (CABT-Z817H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects human EGFR. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Nimotuzumab.
Immunogen	Human EGFR
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	Nimotuzumab
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FA
Format	Liquid
Concentration	Lot specific
Size	5 mg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level \leq 0.75 EU/mg as determined by the LAL method

Preservative	None
Storage	Store at 2-8°C for short term; -80°C for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction	Nimotuzumab biosimilar has a humanized human-mouse h-R3 heavy chain and a humanized human-mouse h-R3κ-chain. nimotuzumab binds to the epidermal growth factor receptor (EGFR), a signalling protein that normally controls cell division.
Keywords	EGFR;epidermal growth factor receptor;epidermal growth factor receptor (avian erythroblastic leukemia viral (v erb b) oncogene homolog) , ERBB; ERBB1;erythroblastic leukemia viral (v erb b) oncogene homolog (avian)

GENE INFORMATION

Gene Name	EGFR
Entrez Gene ID	1956
UniProt ID	P00533