

Panitumumab Biosimilar - Research Grade ICH4028

Product Information

Catalog Number:	ICH4028
Product:	Low endotoxin, biosimilar antibody
Target:	EGFR
Isotype:	IgG2 kappa
Other names:	Epidermal growth factor receptor, Proto-oncogene c-ErbB-1, Receptor tyrosine-protein kinase erbB-1, ERBB, ERBB1, HER1
Host:	Humanized
Species Reactivity:	Human
Specificity:	Detects human EGFR. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Panitumumab.
Purification method:	This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Concentration:	1.0 - 5.0 mg/ml
Formulation:	Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.
Purity:	>95% by SDS-PAGE and HPLC
Endotoxin:	≤ 0.75 EU/mg as determined by the LAL method
Storage:	Stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Background:

Panitumumab biosimilar is a recombinant, human IgG2 kappa monoclonal antibody that binds specifically to the human epidermal growth factor receptor (EGFR). It has an approximate molecular weight of 147 kDa and is produced in genetically engineered mammalian (Chinese hamster ovary) cells.