

Humanized anti-Human Panitumumab Monoclonal Antibody | anti-EGFR antibody

Panitumumab Biosimilar - Research Grade

CATALOG # AAA197051	HOST Humanized	REACTIVITY Human
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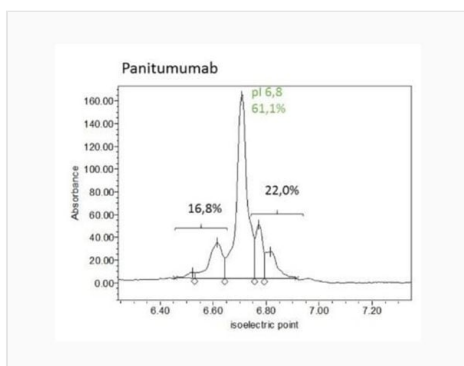
PRODUCT SYNONYMS

Panitumumab; Monoclonal Antibody; Panitumumab Biosimilar - Research Grade; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1; ERBB; ERBB1; HER1; anti-EGFR antibody

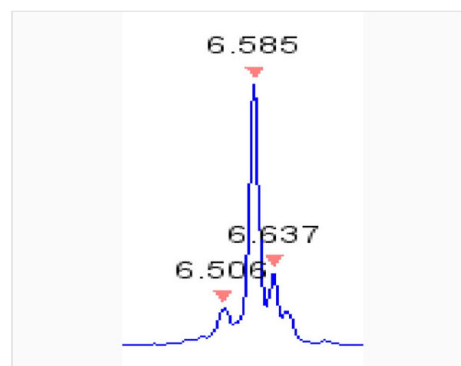
PRODUCT SPECIFICATIONS

Host	Humanized
Reactivity	Human
Clonality	Monoclonal
Isotype	Human IgG2 kappa
Specificity	Detects human EGFR. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Panitumumab.
Purity/Purification	>95% by SDS-PAGE and HPLC This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Form/Format	Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.
Concentration	1.0-5.0mg/ml (varies by lot)
Endotoxin	<= 0.75 EU/mg as determined by the LAL method
Preparation and Storage	Stable for at least one week when stored sterile at 2-8 degree C. For long term storage aseptically aliquot in working volumes without diluting and store at -80 degree C. Avoid Repeated Freeze Thaw Cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	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.
Product Categories/Family for anti-EGFR antibody	Low endotoxin; biosimilar antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956
NCBI Accession #	NP_005219.2
NCBI GenBank Nucleotide #	NM_005228.3
UniProt Accession #	P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7
Molecular Weight	134,277 Da
NCBI Official Full Name	epidermal growth factor receptor isoform a
NCBI Official Synonym Full Names	epidermal growth factor receptor
NCBI Official Symbol	EGFR
NCBI Official Synonym Symbols	ERBB; HER1; mENA; ERBB1; PIG61
NCBI Protein Information	epidermal growth factor receptor; proto-oncogene c-ErbB-1; cell growth inhibiting protein 40; cell proliferation-inducing protein 61; receptor tyrosine-protein kinase erbB-1; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	EGFR
UniProt Synonym Gene Names	ERBB; ERBB1; HER1
UniProt Entry Name	EGFR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/panitumumab-antibody-elisa/197051>