Gremubamab Monoclonal Antibody

Research Grade Gremubamab

CATALOG #	REACTIVITY
AAA120154	**P. aeruginosa**

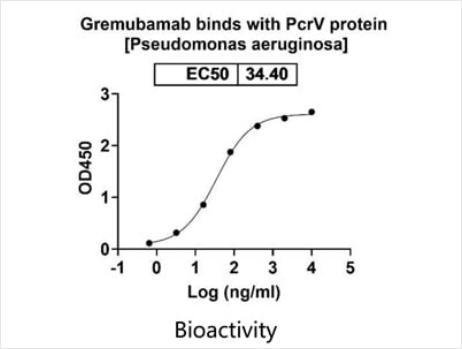
PRODUCT SYNONYMS

Gremubamab; Monoclonal Antibody; Research Grade Gremubamab; Bispecific; MEDI3902; Psl; PcrV; polysaccharide synthesis locus; surface exopolysaccharide; Type III secretion protein; Type III secretion protein PcrV; Virulence-associated V antigen; lcrV; anti-Gremubamab antibody

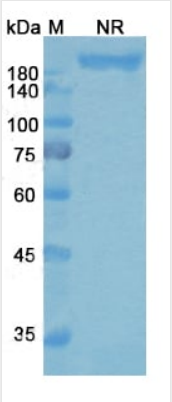
PRODUCT SPECIFICATIONS

Reactivity	P. aeruginosa
Clonality	Monoclonal
Isotype	VH-CH1-VH-V-KAPPA-CH2-CH3
Clone Number	Gremubamab
Purity/Purification	>95% by SDS-PAGE; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. 0.01M PBS, pH 7.4
Concentration	2.54 mg/ml (varies by lot)
CAS	1800381-36-5
Host Species	Human/Humanized
Target	PcrV & Psl
Expression system	Mammalian Cells
Preparation and Storage	Store at -20 degree C for short term. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



ELISA
Detects PcrV in indirect ELISAs.



SDS-PAGE
SDS PAGE for Gremubamab

ADDITIONAL INFORMATION

Product Categories/Family for anti-Gremubamab antibody	Research Biosimilar
References	Bispecific antibody targets multiple Pseudomonas aeruginosa evasion mechanisms in the lung vasculature, PMID: 28463232 MEDI3902 Correlates of Protection against Severe Pseudomonas aeruginosa Pneumonia in a Rabbit Acute Pneumonia Model, PMID: 29483116 Pseudomonas aeruginosa PcrV and Psl, the Molecular Targets of Bispecific Antibody MEDI3902, Are Conserved Among Diverse Global Clinical Isolates, PMID: 30016475 Phase 1 study of MEDI3902, an investigational anti-Pseudomonas aeruginosa PcrV and Psl bispecific human monoclonal antibody, in healthy adults, PMID: 30107283

NCBI AND UNIPROT INFORMATION

UniProt Accession #	O30527

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://www.aaabiotech.com/monoclonal/gremubamab-antibody-clone-gremubamab-elisa/120154