

## Gremubamab Monoclonal Antibody

Research Grade Gremubamab

CATALOG #  
**AAA120154**

REACTIVITY  
**P. aeruginosa**

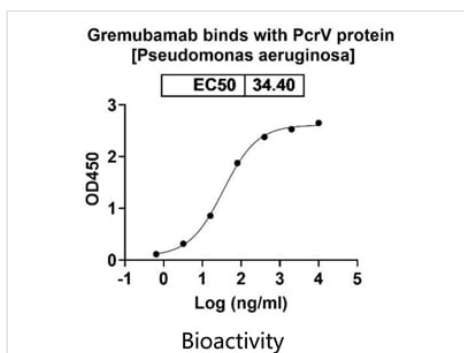
### PRODUCT SYNONYMS

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; IcrV; anti-Gremubamab antibody

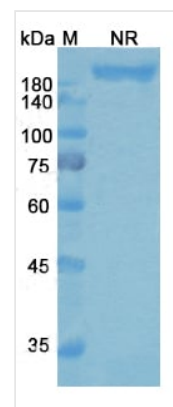
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.<br>Store at -80 degree C long term.<br>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<br>MEDI3902 Correlates of Protection against Severe Pseudomonas aeruginosa Pneumonia in a Rabbit Acute Pneumonia Model, PMID: 29483116<br>Pseudomonas aeruginosa PcrV and Psl, the Molecular Targets of Bispecific Antibody MEDI3902, Are Conserved Among Diverse Global Clinical Isolates, PMID: 30016475<br>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://stage.aaabiotech.com/monoclonal/gremubamab-antibody-clone-gremubamab-elisa/120154>