

Datasheet: 7889-9007

**BATCH NUMBER 168976**

<b>Description:</b>	MOUSE ANTI PSEUDOMONAS AERUGINOSA
<b>Specificity:</b>	PSEUDOMONAS AERUGINOSA
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	B11
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	0.2 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	1.0 mg/ml
<b>Immunogen</b>	Purified outer membrane protein of <i>Pseudomonas aeruginosa</i> .
<b>RRID</b>	AB_619206

<b>Specificity</b>	<b>Mouse anti <i>Pseudomonas aeruginosa</i> antibody, clone B11</b> recognizes <i>Pseudomonas aeruginosa</i> a gram-negative, opportunistic pathogen, commonly found in soil and water. In humans, <i>P. aeruginosa</i> can infect the urinary tract, respiratory and gastrointestinal system, soft tissues, bones and joints leading to severe systemic infections of immunosuppressed patients in hospital ( <a href="#">Hernández-Jiménez et al. 2022</a> ).
<b>References</b>	<ol style="list-style-type: none"> <li>1. Su, F.Y. et al. (2007) Simple and sensitive bacterial quantification by a flow-based kinetic exclusion fluorescence immunoassay. <a href="#">Biosens Bioelectron. 22: 2500-7.</a></li> <li>2. Ferraz, F.C.D. et al. (2014) Community-acquired <i>Pseudomonas aeruginosa</i>-pneumonia in a previously healthy man occupationally exposed to metalworking fluids. <a href="#">Autops Case Rep. 4 (3): 31-7.</a></li> <li>3. Takajo, D. et al. (2014) Community-acquired lobar pneumonia caused by <i>Pseudomonas aeruginosa</i>. infection in Japan: a case report with histological and immunohistochemical examination. <a href="#">Pathol Int. 64 (5): 224-30.</a></li> </ol>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/7889-9007">https://www.bio-rad-antibodies.com/SDS/7889-9007</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> , <a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)

