Datasheet: 7889-9007

BATCH NUMBER 161165

Description:	MOUSE ANTI PSEUDOMONAS AERUGINOSA
Specificity:	PSEUDOMONAS AERUGINOSA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	B11
Isotype:	IgG2a
Quantity:	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.

	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.

Target Species	Bacterial
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN_3)
Approx. Protein Concentrations	1.0 mg/ml
Immunogen	Purified outer membrane protein of *Pseudomonas aeruginosa*.
RRID	AB_619206

Specificity	**Mouse anti *Pseudomonas aeruginosa*antibody, clone B11** recognizes *Pseudomonas aeruginosa* a gram-negative, opportunistic pathogen, commonly found in soil and water. In humans, *P. aeruginosa* can infect the urinary tract, respiratory and gastrointestinal system, soft tissues, bones and joints leading to severe systemic infections of immunosuppressed patients in hospital (de Campos *et al.* 2014).
References	1. Su, F.Y. *et al.* (2007) Simple and sensitive bacterial quantification by a flow-based kinetic exclusion fluorescence immunoassay. Biosens Bioelectron. 22: 2500-7. 2. Ferraz, F.C.D. *et al.* (2014) Community-acquired *Pseudomonas aeruginosa*-pneumonia in a previously healthy man occupationally exposed to metalworking fluids. Autops Case Rep. 4 (3): 31-7. 3. Takajo, D. *et al.* (2014) Community-acquired lobar pneumonia caused by *Pseudomonas aeruginosa.* infection in Japan: a case report with histological and immunohistochemical examination. Pathol Int. 64 (5): 224-30.
Storage	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. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/7889-9007 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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

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