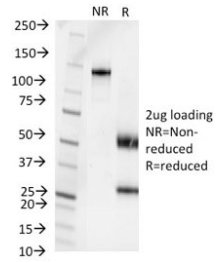
Pseudomonas aeruginosa serotype 6C Antibody [clone 1200/472] (V8289)

Catalog No.	Formulation	Size
V8289-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8289-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8289SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Pseudomonas aeruginosa serotype 6C
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	1200/472
Purity	Protein G affinity chromatography
Applications	ELISA (order BSA-free Format For Coating) :
Limitations	This Pseudomonas aeruginosa serotype 6C antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free Pseudomonas aeruginosa serotype 6C antibody (clone 1200/472) as confirmation of integrity and purity.

Description

This antibody is specific for serotype 6C and does not react with other species. Pseudomonas aeruginosa is Gram-negative, aerobic, rod-shaped bacteria with unipolar motility. An opportunistic human pathogen, P. aeruginosa is also an opportunistic pathogen of plants. P. aeruginosa bacteria are clinically important because they are resistant to most antibiotics and they are capable of surviving in conditions that few other organisms can tolerate. Pseudomonas is often encountered in hospital and clinical work because it is a major cause of hospital acquired (nosocomial) infections. Its main

targets are immuno-compromised individuals, burn victims, and individuals on respirators or with indwelling catheters. Additionally, these pathogens colonize the lungs of cystic fibrosis patients. P. aeruginosa is often identified by its pearlescent appearance and grape-like odor in vitro. Definitive clinical identification of P. aeruginosa includes identifying the production of both pyocyanin and fluorescein as well as its ability to grow at 42C. P. aeruginosa is capable of growth in diesel and jet fuel, where it is known as hydrocarbon utilizing microorganisms (or HUM bugs), causing microbial corrosion.

Application Notes

Optimal dilution of the Pseudomonas aeruginosa serotype 6C antibody should be determined by the researcher.

Immunogen

Pseudomonas aeruginosa serotype 6C was used as the immunogen for this Pseudomonas aeruginosa serotype 6C antibody.

Storage

Store the Pseudomonas aeruginosa serotype 6C antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).