

Product Datasheet

Pseudomonas aeruginosa serotype 6C Antibody (orb2644123)

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 42°C. *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.

Species/Host

Mouse

Reactivity

Virus

Conjugation

Unconjugated

Tested Applications

ELISA

Immunogen

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

Preservatives

0.2 mg/ml with 0.1 mg/ml rAlbumin (US sourced), 0.05% sodium azide

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only

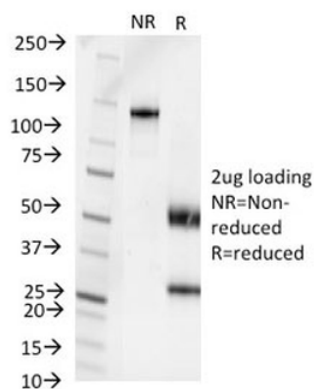
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Application notes	Optimal dilution of the antibody should be determined by the researcher.
Formula	0.2 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide
Isotype	Mouse IgG1, kappa
Clonality	Monoclonal
Clone Number	1200/472
Antibody Type	Primary Antibody
Purity	Protein G affinity chromatography
Hazard Information	This <i>Pseudomonas aeruginosa</i> serotype 6C antibody is available for research use only.
Dilution Range	ELISA (order BSA-free format for coating)
Expiry Date	12 months from date of receipt.



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

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