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36-3710: Anti-Pseudomonas aerµginosa serotype 6C Monoclonal Antibody(Clone: 1200/472)

Clonality :	Monoclonal
Clone Name :	1200/472
Application :	ELISA
Alternative Name :	Pseudomonas aerÂµginosa serotype 6C
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Pseudomonas aerÂµginosa serotype 6C

Description

This antibody is specific for serotype 6C and does not react with other species. Pseudomonas aerÂµginosa is Gram-negative, aerobic, rod-shaped bacteria with unipolar motility. An opportunistic human pathogen, P. aerÂµginosa is also an opportunistic pathogen of plants. P. aerÂµginosa 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. aerÂµginosa is often identified by its pearlescent appearance and grape-like odor in vitro. Definitive clinical identification of P. aerÂµginosa includes identifying the production of both pyocyanin and fluorescein as well as its ability to grow at 42C. P. aerÂµginosa is capable of growth in diesel and jet fuel, where it is known as hydrocarbon utilizing microorganisms (or HUM bÂµgs), causing microbial corrosion.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating use Ab at 1-5ug/ml, order Ab without BSA)

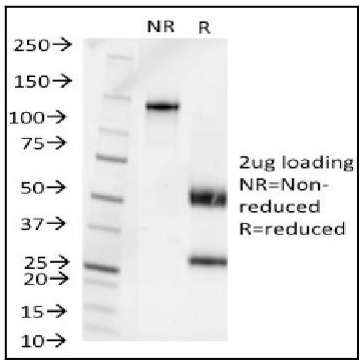


Fig. 1: SDS-PAGE Analysis Purified Pseudomonas aerµginosa serotype 6C Mouse Monoclonal Antibody (1200/472). Confirmation of Purity and Integrity of Antibody.

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