

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

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

### 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.

### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	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.
<b>Storage condition :</b>	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)

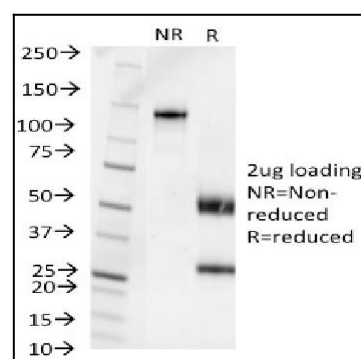


Fig. 1: SDS-PAGE Analysis Purified *Pseudomonas aeruginosa* serotype 6C Mouse Monoclonal Antibody (1200/472). Confirmation of Purity and Integrity of Antibody.