

**36-3709: Anti-Pseudomonas aeruginosa serotype 5C Monoclonal Antibody(Clone: 320/65)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	320/65
<b>Application :</b>	ELISA,IF
<b>Alternative Name :</b>	Pseudomonas aeruginosa serotype 5C
<b>Isotype :</b>	Mouse IgM, kappa
<b>Immunogen Information :</b>	Pseudomonas aeruginosa serotype 5C

**Description**

This antibody is specific for serotype 5C and does not react with other species. Pseudomonas aeruginosa is a Gram-negative, aerobic, rod-shaped bacterium with unipolar motility. It is an opportunistic pathogen of plants and humans and can infect the urinary tract, respiratory and gastrointestinal system, soft tissues, bones and joints leading to severe systemic infections of immunosuppressed patients in hospitals. P. aeruginosa secretes a variety of pigments, including pyocyanin (blue-green), fluorescein (pyoverdine), and pyorubin (red-brown). This organism can achieve anaerobic growth with nitrate as a terminal electron acceptor, and, in its absence, it is also able to ferment arginine by substrate-level phosphorylation. Adaptation to microaerobic or anaerobic environments is essential for certain lifestyles of P. aeruginosa, such as during lung infection in cystic fibrosis patients where thick layers of alginate surrounding bacterial mucoid cells can limit the diffusion of oxygen.

**Product Info**

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate. 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);Immunofluorescence (1-2ug/ml);