Pseudomonas aeruginosa serotype 5C Antibody [clone 320/65] (V8288)

Catalog No.	Formulation	Size
V8288-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8288-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8288SAF-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 5C
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, kappa
Clone Name	320/65
Purity	PEG precipitation
Applications	ELISA (order BSA-free format for coating) Immunofluorescence: 1-2ug/ml
Limitations	This Pseudomonas aeruginosa serotype 5C antibody is available for research use only.



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 (pyoverdin), 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.

Application Notes

Optimal dilution of the Pseudomonas aeruginosa serotype 5C antibody should be determined by the researcher.

Immunogen

Pseudomonas aeruginosa serotype 5C was used as the immunogen for the Pseudomonas aeruginosa serotype 5C antibody.

Storage

Store the Pseudomonas aeruginosa serotype 5C antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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