Product Datasheet

Pseudomonas Aeruginosa Antibody (1200/472) [Janelia Fluor® 525]
NBP3-08420JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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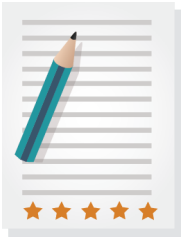

NBP3-08420JF525

Pseudomonas Aeruginosa Antibody (1200/472) [Janelia Fluor® 525]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	1200/472
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Janelia Fluor 525
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Species	Bacteria
Reactivity Notes	Pseudomonas aeruginosa serotype 6C
Specificity/Sensitivity	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.
Immunogen	Pseudomonas aeruginosa serotype 6C
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	Optimal dilution of this antibody should be experimentally determined.

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Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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