Product datasheet

Anti-Pseudomonas aeruginosa antibody [B11] ab35835

2 References

製品の概要

製品名 Anti-Pseudomonas aeruginosa antibody [B11]
製品の詳細 Mouse monoclonal [B11] to Pseudomonas aeruginosa
由来種 Mouse
アプリケーション 適用あり: ELISA
種交差性 交差種: Other species
免疫原 Purified outer membrane protein of Pseudomonas aeruginosa.

製品の特性

製品の状態 Liquid
保存方法 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー pH: 7.40
Preservative: 0.09% Sodium azide
Constituent: PBS
精製度 Protein A purified
ポリモノ モノクローナル
クローン名 B11
アイソタイプ IgG2a

アプリケーション

Our Abpromise guarantee covers the use of ab35835 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>アプリケーション</th>
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<td>ELISA</td>
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<td>1/250 - 1/1000.</td>
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ターゲット情報
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 (nosocomal) infections. Its main targets are immunocompromised 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 42°C. 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. It creates dark gellish mats sometimes improperly called "algae".

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