abcam

Product datasheet

Anti-Beta Lactamase antibody [8A5.A10] ab12251

27 References

製品の概要

製品名	Anti-Beta Lactamase antibody [8A5.A10]
製品の詳細	Mouse monoclonal [8A5.A10] to Beta Lactamase
由来種	Mouse
特異性	This antibody specifically recognizes TEM type beta lactamases.
アプリケーション	**適用あり:** ELISA, WB
種交差性	**交差種:** Escherichia coli
免疫原	Recombinant full length protein corresponding to Mouse Beta Lactamase. Database link: **P62593** Run BLAST with Run BLAST with
特記事項	Dilute in PBS or medium which is identical to that used in the assay system. This product was changed from ascites to tissue culture supernatant on 19/12/2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions please do not hesitate to contact our scientific support team. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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. Avoid freeze / thaw cycles.
バッファー	pH: 7.40 Constituent: PBS
精製度	Protein G purified
特記事項（精製）	Purified from TCS
ポリ/モノ	モノクローナル

クローン名	8A5.A10
アイソタイプ	IgG1

アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab12251の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use a concentration of 10 - 20 µg/ml.
WB		Use a concentration of 10 µg/ml. Predicted molecular weight: 31.5 kDa. (31.5kDa is the molecular weight of the unprocessed precursor.)

ターゲット情報

関連性

The beta lactam antibiotics (penicillins and cephalosporins) are the most frequently used antimicrobial agents. All of the beta lactams are structurally related through the presence of a core beta lactam ring. Bacterial resistance to beta lactams continues to increase, primarily due to the production of beta lactamases. Beta lactamases catalyze the hydrolysis of the beta lactam bond, which destroys antibacterial activity. Bacteria that produce TEM type or SHV type beta lactamases have point mutations in structural genes that have extended the substrate specificity of these beta lactamases. As a result, many of the beta lactamase producing Gram negative pathogens have become multidrug resistant.

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