abcam

Product datasheet

Anti-Butyrylcholinesterase antibody [3E8] ab17246

3 References 画像数 1

製品の概要

製品名	Anti-Butyrylcholinesterase antibody [3E8]
製品の詳細	Mouse monoclonal [3E8] to Butyrylcholinesterase
由来種	Mouse
特異性	No reaction is seen with acetylcholinesterase from human nervous tissue and erythrocytes.
アプリケーション	**適用あり:** ELISA **適用なし:** WB
種交差性	**交差種:** Human
免疫原	Full length native protein (purified) corresponding to Human Butyrylcholinesterase. (Isolated from human plasma).
特記事項	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. Store at +4°C. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: 0.0268% PBS, 2.9% Sodium chloride
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	3E8
ミエローマ	x63-Ag8.653
アイソタイプ	IgG1
軽鎖の種類	kappa

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ab17246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		1/8000.

追加情報 Is unsuitable for WB.

ターゲット情報

機能 Esterase with broad substrate specificity. Contributes to the inactivation of the neurotransmitter acetylcholine. Can degrade neurotoxic organophosphate esters.

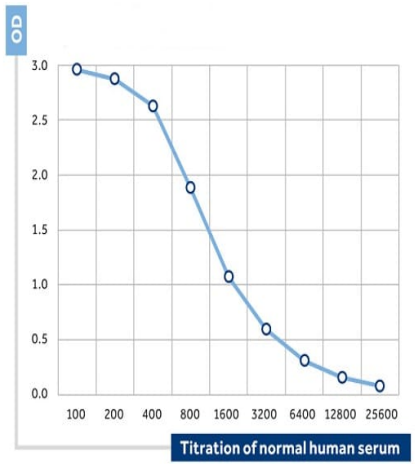
組織特異性 Detected in blood plasma (at protein level). Present in most cells except erythrocytes.

関連疾患 Defects in BCHE are the cause of butyrylcholinesterase deficiency (BChE deficiency) [MIM:177400]. BChE deficiency is a metabolic disorder characterized by prolonged apnoea after the use of certain anesthetic drugs, including the muscle relaxants succinylcholine or mivacurium and other ester local anesthetics. The duration of the prolonged apnoea varies significantly depending on the extent of the enzyme deficiency. BChE deficiency is a multifactorial disorder. The hereditary condition is transmitted as an autosomal recessive trait.

配列類似性 Belongs to the type-B carboxylesterase/lipase family.

細胞内局在 Secreted.

画像



ELISA - Anti-Butyrylcholinesterase antibody [3E8] (ab17246)

Calibration curve of a sandwich assay for Butyrylcholinesterase using ab17246 as the capture antibody and a biotinylated detection antibody.

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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