

# Anti-Clostridium botulinum E Toxoid antibody [209F2] ab40787

## 1 References

### 製品の概要

製品名	Anti-Clostridium botulinum E Toxoid antibody [209F2]
製品の詳細	Mouse monoclonal [209F2] to Clostridium botulinum E Toxoid
由来種	Mouse
特異性	BoTox-E (2-17) 100%; BoTox-E 100% Does not cross react with BoTox-A, BoTox-B, BoTox-C or BoTox-F (1-16)
アプリケーション	<b>適用あり:</b> ICC/IF, Inhibition Assay
種交差性	<b>交差種:</b> Clostridium botulinum
免疫原	Synthetic peptide analogue of the amino terminal region of BoTox-E.
特記事項	<p>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.</p> <p>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&amp;As</p>

### 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	Constituent: Tissue culture supernatant
精製度	Tissue culture supernatant
特記事項(精製)	Sterile filtered culture supernatant.
ポリ/モノ	モノクローナル
クローン名	209F2
アイソタイプ	IgG

### 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ab40787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確認ください。

アプリケーション	Abreviews	特記事項
ICC/IF		
Inhibition Assay		

#### 追加情報

IF: 1/50.

This product has been found to stain Neuro2A cells treated with GT1b ganglioside prior to the addition of BoTox-E at a dilution of 1:50 using an indirect immunocytochemical staining procedure.

Inhib: Use at an assay dependent dilution.

This product has been found to inhibit the entry of BoTox-E to Neuro2A cells treated with GT1b ganglioside prior to the addition of the toxin.

With this antibody, we have found that blocking with 5% goat or donkey serum significantly reduces background as compared to BSA or milk.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

#### ターゲット情報

##### 関連性

Clostridium botulinum E Toxoid acts by inhibiting neurotransmitter release. It binds to peripheral neuronal synapses, is internalized and moves by retrograde transport up the axon into the spinal cord where it can move between postsynaptic and presynaptic neurons. It inhibits neurotransmitter release by acting as a zinc endopeptidase. It has a non-toxic component which is necessary to maintain toxicity.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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