

# Anti-Clostridium botulinum Toxin B antibody [GR-3G7] ab59715

画像数 1

### 製品の概要

製品名	Anti-Clostridium botulinum Toxin B antibody [GR-3G7]
製品の詳細	Mouse monoclonal [GR-3G7] to Clostridium botulinum Toxin B
由来種	Mouse
特異性	This antibody reacts with Clostridium botulinum Toxin B.
アプリケーション	<b>適用あり:</b> Flow Cyt, Competitive ELISA
種交差性	<b>交差種:</b> Clostridium botulinum
免疫原	Genetic immunisation with cDNA encoding Clostridium botulinum Toxin B.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Constituent: PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	GR-3G7
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ab59715の使用に適用されます

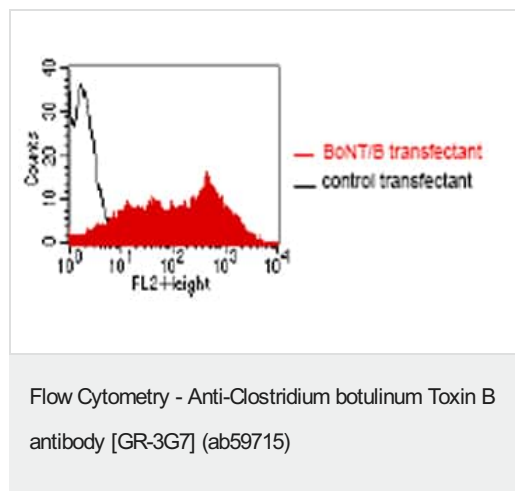
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 1.2µg for 10 <sup>6</sup> cells. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
Competitive ELISA		1/200 - 1/400.

## ターゲット情報

関連性	Botulinum toxin 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 that cleaves the 76 Gln   Phe 77 bond of synaptobrevin 2.
細胞内局在	Secreted

## 画像



BOSC23 cells were transiently trans-fected with an expression vector encoding either Clostridium botulinum Toxin B (red curve) or an irrelevant protein (control transfectant). Binding of ab59715 was detected with a PE conjugated secondary antibody. A positive signal was obtained only with Clostridium botulinum Toxin B transfected cells.

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

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