


PE Anti-GAP43 antibody [EP890Y] - Neuronal Marker ab208745

リコンビナント RabMAb[®]

画像数 3

製品の概要

製品名	PE Anti-GAP43 antibody [EP890Y] - Neuronal Marker
製品の詳細	PE Rabbit monoclonal [EP890Y] to GAP43 - Neuronal Marker
由来種	Rabbit
標識	PE. Ex: 488nm, Em: 575nm
アプリケーション	適用あり: Flow Cyt (Intra), ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Flow Cyt (intra): SH-SY5Y cells ICC/IF: U87MG cells
特記事項	Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at +4°C. Do Not Freeze. Store In the Dark.
バッファー	pH: 7.4 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EP890Y
アイソタイプ	IgG

アプリケーション

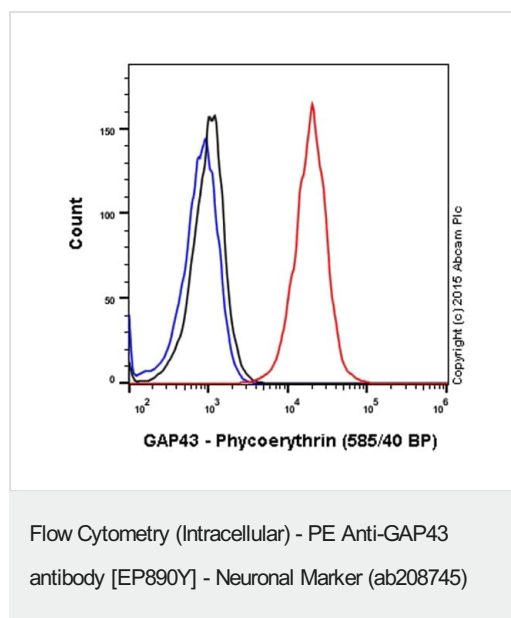
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab208745の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/2500. ab209478 - Rabbit monoclonal IgG (Phycoerythrin), is suitable for use as an isotype control with this antibody.
ICC/IF		1/100. This product gave a positive signal in u87mg cells fixed with 100% methanol (5 min)

ターゲット情報

機能	This protein is associated with nerve growth. It is a major component of the motile "growth cones" that form the tips of elongating axons.
配列類似性	Belongs to the neuromodulin family. Contains 1 IQ domain.
翻訳後修飾	Phosphorylation of this protein by a protein kinase C is specifically correlated with certain forms of synaptic plasticity.
細胞内局在	Cell membrane. Cell projection > growth cone membrane. Cell junction > synapse. Cytoplasmic surface of growth cone and synaptic plasma membranes.

画像

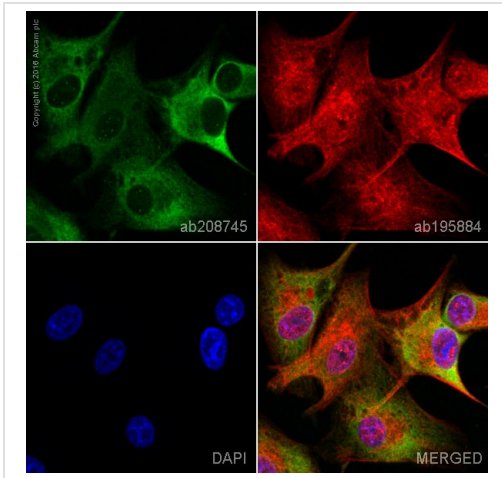


Overlay histogram showing SH-SY5Y cells stained with ab208745 (red line). The cells were fixed with 4% formaldehyde (10 min) and then permeabilized with 0.1% PBS-Triton X-100 for 15 min. The cells were then incubated in 1x PBS / 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (ab208745, 1/2500 dilution) for 30 min at 22°C.

Isotype control antibody (black line) was rabbit IgG (monoclonal) Phycoerythrin (**ab209478**) used at the same concentration and conditions as the primary antibody. Unlabelled sample (blue line) was also used as a control.

Acquisition of >5,000 events were collected using a 20 mW Solid State Blue Laser (488nm) and 585/40 bandpass filter.

This antibody gave a positive signal in SH-SY5Y cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Triton X-100 for 15 min used under the same conditions.







ab208745 staining GAP43 in u87mg cells. The cells were fixed with 100% methanol (5min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab208745 at 1/100 dilution (Pseudocolored in green) and **ab195884**, Rat monoclonal to Tubulin (Alexa Fluor® 647), at 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue).

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

Immunocytochemistry/ Immunofluorescence - PE
Anti-GAP43 antibody [EP890Y] - Neuronal Marker
(ab208745)

Why choose a recombinant antibody?

 Research with confidence Consistent and reproducible results	 Long-term and scalable supply Recombinant technology
 Success from the first experiment Confirmed specificity	 Ethical standards compliant Animal-free production

PE Anti-GAP43 antibody [EP890Y] - Neuronal Marker (ab208745)

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

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