abcam

Product datasheet

PE Rabbit IgG, monoclonal [EPR25A] - Isotype Control ab209478

リコンビナント RabMAb

3 References 画像数 4

製品の概要

製品名	PE Rabbit IgG, monoclonal [EPR25A] - Isotype Control
標識	PE. Ex: 488nm, Em: 575nm
アプリケーション	**適用あり:** Flow Cyt (Intra), ICC/IF
免疫原	Chemical/ Small Molecule conjugated to keyhole limpet haemocyanin. KLH is a copper containing oxygen carrier occurring freely dissolved in the hemolymph of many molluscs and arthropods.KLH forms a large complex composed of ~50 kDa subunits.
特記事項	KLH is often used in molecular immunology as a carrier protein conjugated to low molecular weight molecules such as peptides, amino acids, nucleic acids, drugs or toxins to render them more immunogenic due to the size of the conjugate complex and the immunogenicity of KLH. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. 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. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR25A

アイソタイプ	IgG
細胞内局在	Secreted

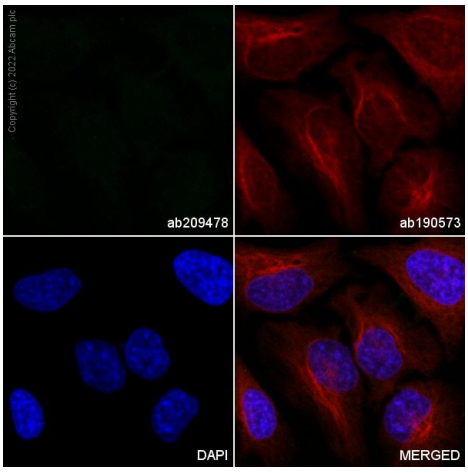
アプリケーション

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ab209478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)		Use at an assay dependent concentration. **Please note**: This product should be diluted to the same concentration (not dilution) of the primary antibody to be used.
ICC/IF		1/100. This product gave a positive signal in HeLa cells fixed with 4% formaldehyde (10 min) and 100% methanol (5 min)

画像

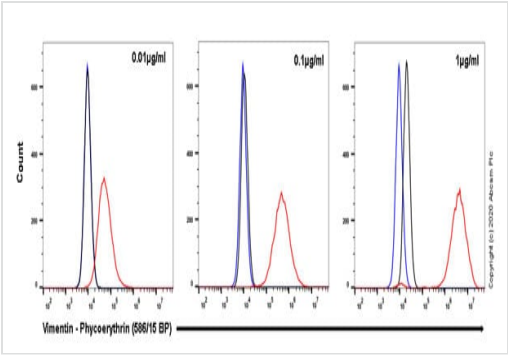


Immunocytochemistry/ Immunofluorescence - PE Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab209478)

Immunofluorescent analysis of HeLa (human cervical cancer) cells, fixed with 100% methanol (5 min). The cells were permeabilized with 0.1% Triton X-100 for 5 minutes and 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 ab209478 (Rabbit IgG, monoclonal [EPR25A] - Isotype Control) at 1/100 dilution (showing no signal) and **ab190573**, Rabbit monoclonal to Tubulin Microtubule Marker (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).

This product also gave a positive outcome under the same testing conditions in HeLa cells fixed with 4% formaldehyde (10min).

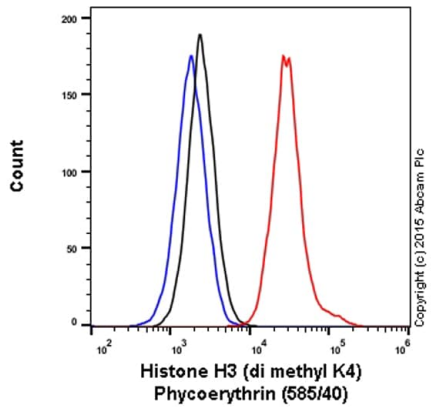


Flow Cytometry (Intracellular) - PE Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab209478)

Flow cytometry overlay histogram showing HeLa cells stained with **ab209446** (red line). The cells were fixed with 4% formaldehyde (10 min) and then permeabilized with 90% Methanol for 30 min at -20°C. The cells were incubated in 1x PBS containing 10% normal goat serum to block non-specific protein-protein interaction followed by the antibody (**ab209446**) ($1x10^6$ in 100µL at 0.01µg/mL, 0.1µg/mL, 1µg/mL (1/50000, 1/5000, 1/500)) for 30 min at 22°C.

Isotype control antibody (black line) was used at the same concentration and conditions as the primary antibody. Unlabelled sample (blue line) was also used as a control.

Acquisition of >5000 events were collected using a 50 mW Yellow/Green laser (561nm) and 586/15 bandpass filter.

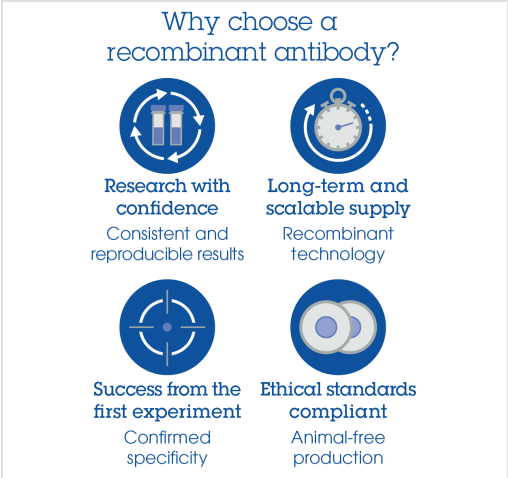


Flow Cytometry (Intracellular) - PE Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab209478)

Overlay histogram showing HeLa cells stained with **ab208741** (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 (**ab208741**, 1/500 dilution) for 30 min at 22ºC.

Isotype control antibody (black line) was rabbit IgG monoclonal [EPR25A] (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.



PE Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab209478)

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