

PE Anti-Siglec 7 antibody [EPR23118-130] ab270171

リコンビナント RabMAb

画像数 2

製品の概要

製品名	PE Anti-Siglec 7 antibody [EPR23118-130]
製品の詳細	PE Rabbit monoclonal [EPR23118-130] to Siglec 7
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
種交差性	交差種: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Flow Cyt: Human PBMCs.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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 +4°C. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 1% BSA, 98.98% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR23118-130
アイソタイプ	IgG

アプリケーション

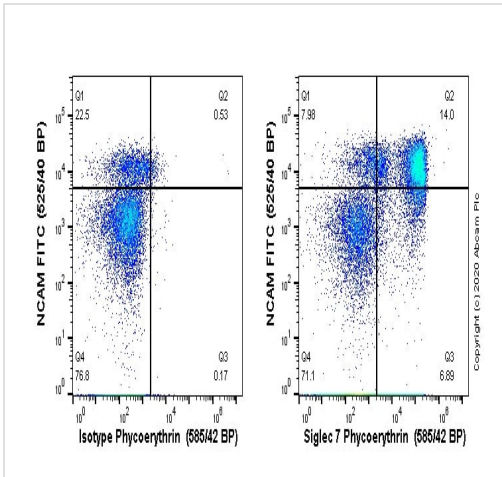
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab270171の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		1/2500.

ターゲット情報

機能	Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- and alpha-2,6-linked sialic acid. Also binds disialogangliosides (disialogalactosyl globoside, disialyl lactotetraosylceramide and disialyl GaINAc lactotetraosylceramide). The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. Mediates inhibition of natural killer cells cytotoxicity. May play a role in hemopoiesis. Inhibits differentiation of CD34+ cell precursors towards myelomonocytic cell lineage and proliferation of leukemic myeloid cells (in vitro).
組織特異性	Predominantly expressed by resting and activated natural killer cells and at lower levels by granulocytes and monocytes. High expression found in placenta, liver, lung, spleen, and peripheral blood leukocytes.
配列類似性	Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid binding Ig-like lectin) family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
ドメイン	Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.
翻訳後修飾	Tyrosine phosphorylated.
細胞内局在	Membrane.

画像



Flow Cytometry - PE Anti-Siglec 7 antibody [EPR23118-130] (ab270171)

Flow cytometry staining of human peripheral blood mononuclear cells (PBMCs) with ab270171 (right) or Rabbit IgG (monoclonal) Phycoerythrin (**ab209478**) isotype (left). PBMCs were incubated for 30 min on ice in 1x PBS containing 10µg/mL human IgG and 10% normal goat serum to block FC receptors and non-specific protein-protein interaction followed by the antibody ab270171 or Rabbit IgG (monoclonal) Phycoerythrin (**ab209478**) isotype (100 µl at 0.2µg/mL (1/2500)) for 30 min on ice. The cells were simultaneously stained with NCAM.

Acquisition of >30000 events were collected using a 50 mW Yellow/Green laser (561nm) and 585/42 bandpass filter. Events were gated on live lymphocytes.

Why choose a recombinant antibody?

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

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