abcam

Product datasheet

PE Anti-CD22 antibody [MEM-01], prediluted ab27548

画像数 1

製品の概要

製品名	PE Anti-CD22 antibody [MEM-01], prediluted
製品の詳細	PE Mouse monoclonal [MEM-01] to CD22, prediluted
由来種	Mouse
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
	交差が予測される動物種: Non human primates
免疫原	Tissue, cells or virus corresponding to CD22. Burkitt's lymphoma cell line Raji
特記事項	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.
	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&As

製品の特性

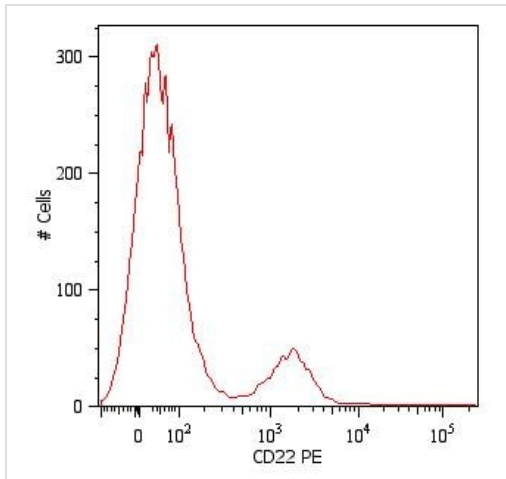|	
製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.4 Preservative: 0.097% Sodium azide Constituent: 0.2% BSA High grade protease free BSA
精製度	IgG fraction
ポリ/モノ	モノクローナル
クローン名	MEM-01
アイソタイプ	IgG1

アプリケーション

The Abpromise guarantee <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab27548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		Use 20µl for 10^6 cells. Use 20µl for 10^6 cells or 100µl of whole blood. [ab91357](#) - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	Mediates B-cell B-cell interactions. May be involved in the localization of B-cells in lymphoid tissues. Binds sialylated glycoproteins; one of which is CD45. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response seems to be involved in regulation of B-cell antigen receptor signaling. Plays a role in positive regulation through interaction with Src family tyrosine kinases and may also act as an inhibitory receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules.
組織特異性	B-lymphocytes.
配列類似性	Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid binding Ig-like lectin) family. Contains 6 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
ドメイン	Contains 4 copies 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	Phosphorylation of Tyr-762, Tyr-807 and Tyr-822 are involved in binding to SYK, GRB2 and SYK, respectively. Phosphorylation of Tyr-842 is involved in binding to SYK, PLCG2 and PIK3R1/PIK3R2. Phosphorylated on tyrosine residues by LYN.
細胞内局在	Cell membrane.

画像

ab27548 staining CD22 on human peripheral blood cells. Cell population was gated on lymphocytes.

Flow Cytometry - PE Anti-CD22 antibody [MEM-01], prediluted (ab27548)

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

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