abcam

Product datasheet

PE Anti-CD22 antibody [RFB4] ab23620

2 References

概述

产品名称 PE Anti-CD22抗体[RFB4]

描述 PE小鼠单克隆抗体[RFB4] to CD22

宿主 Mouse

偶联物 PE. Ex: 488nm, Em: 575nm

特异性 CD22 is in principle a B lineage antigen, that is present in the cytoplasm of progenitor B-cells and

on the membrane of the majority of mature peripheral B-lymphocytes. Furthermore, it is strongly expressed on Hairy Cell Leukemia cells and very weakly on some other leukemias. Antigen distribution: Peripheral blood lymphocytes 12±3% T-cells (E+) < 1% B-cells (E-, lg+) 92±3%

Monocytes (CD14+) < 1% Granulocytes < 1% Thymocytes < 1%

经测试应用 适用于: IHC-Fr, Flow Cyt

不适用于: IHC-P

种属反应性 与反应: Human

免疫原 Purified tonsil lymphocytes (Human).

常规说明

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

性能

形式 Liquid

存放说明 Shipped at 4°C. Store at +4°C. Do Not Freeze.

存储溶液 pH: 7.3

Preservative: 0.1% Sodium azide

Constituent: 1% BSA

纯**化**说明 Purification by IEP (immunoelectrophoresis).

Primary antibody说明 ab23620 can be used for: - Quantitative determination of peripheral B-cells (CD22+) in blood. -

Identification of CD22+-cells in tissue sections. - Determination of B-cell origin of lymphoid

neoplasms. - Quantitative elimination or isolation of B-cells by flow cytometry or magnet beads.

 克隆
 单克隆

 克隆编号
 RFB4

 同种型
 IgG1

应用

The Abpromise guarantee Abpromise™承诺保证使用ab23620于以下的经测试应用

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. Use maximum of 5ul for 10^6 cells. <u>ab91357</u> - Mouse monoclonal lgG1, is suitable for use as an isotype control with this antibody.

应用说明 Is unsuitable for IHC-P.

靶标

细胞定位

功能 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-2,6linked 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. 组织特异性 B-lymphocytes. 序列相似性 Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid binding lg-like lectin) family. Contains 6 lg-like C2-type (immunoglobulin-like) domains. Contains 1 lg-like V-type (immunoglobulin-like) domain. 结构域 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. 翻译后修饰 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.

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

Cell membrane.

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