

PE/Cy5® Anti-CD45.1 antibody [A20] ab25349

2 References

概述

产品名称	PE/Cy5® Anti-CD45.1 抗体[A20]
描述	PE/Cy5®小鼠单克隆抗体[A20] to CD45.1
宿主	Mouse
偶联物	PE/Cy5®. Ex: 496nm, Em: 670nm
特异性	The monoclonal antibody A20 recognizes all mouse leukocytes expressing the CD 45.1 allotype.
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Mouse
免疫原	Tissue, cells or virus corresponding to Mouse CD45.1. SJL mouse thymocytes and splenocytes
常规说明	<p>This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5, 268, 486 and related patents. Cy® and CyDye® are trademarks of Cytiva.</p> <p>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.</p> <p>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</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Store In the Dark.
存储溶液	<p>pH: 7.1</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: PBS, 0.2% Gelatin, 16% Sucrose</p> <p>Stabilising agent.</p>
纯度	Affinity purified
克隆	单克隆

克隆编号	A20
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab25349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
Flow Cyt		Use at an assay dependent concentration.

靶标

相关性 CD45 is an essential regulator of leukocyte activation and development, and is now known to be a protein tyrosine phosphatase, e.g. CD45 is able to dephosphorylate the Src family of protein kinases. This activity is now known to be required for signal transduction induced by T and B cell antigen receptor engagement, cytokine signaling and Fc receptor stimulation. The functional state of CD45 also has a pronounced effect on lymphocyte development. CD45 exists in multiple forms, such as the restricted variants and as allelic forms CD45.1/Ly5.1 and CD45.2/Ly5.2. The former arises as a result of alternative splicing of different exons. The specificity of antibodies to CD45.1 and CD45.2 has been exploited in studies in which resolution of donor and recipient cells is essential, such as in gene therapy or bone marrow transplantation.

细胞定位 Type I membrane protein.

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