

### Cy5<sup>®</sup> Anti-CD45.1 antibody [A20] ab24982

#### 概述

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<b>产品名称</b>	Cy5 <sup>®</sup> Anti-CD45.1抗体[A20]
<b>描述</b>	Cy5 <sup>®</sup> 小鼠单克隆抗体[A20] to CD45.1
<b>宿主</b>	Mouse
<b>偶联物</b>	Cy5 <sup>®</sup> . Ex: 650nm, Em: 667nm
<b>特异性</b>	ab24982 recognizes all mouse leukocytes expressing the CD45.1 allotype.
<b>经测试应用</b>	<b>适用于:</b> IP, ICC/IF, Flow Cyt
<b>种属反应性</b>	<b>与反应:</b> Mouse
<b>免疫原</b>	Tissue, cells or virus corresponding to CD45.1. SJL mouse thymocytes and splenocytes
<b>常规说明</b>	<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<sup>®</sup> and CyDye<sup>®</sup> 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&amp;As</p>

#### 性能

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<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.
<b>存储溶液</b>	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: PBS  Stabilising agent.
<b>纯度</b>	Affinity purified
<b>克隆</b>	单克隆
<b>克隆编号</b>	A20

同种型	IgG2a
轻链类型	kappa

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用ab24982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
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <b>ab154446</b> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

## 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.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

## Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors