abcam

Product datasheet

Anti-HLA B7 antibody [BB7.1] ab20169

1 References 1 图像

概述

产**品名称** Anti-HLA B7抗体[BB7.1]

抽述 小鼠单克隆抗体[BB7.1] to HLA B7

宿主 Mouse

经测试应用 适用于: Flow Cyt

种属反应性 与反应: Human, Monkey

免疫原 Full length protein corresponding to Human HLA B7. Papain solubilised HLA-A2, B7

常规说明

Human Leukocyte Antigens are highly polymorphic proteins that are involved in the presentation of antigens to the T-cell receptor. There are two classes of HLA antigens, class I (HLA-A, HLA-B and

 $\mbox{HLA-C})$ and class II (HLA-D). This antibody can be used for HLA typing.

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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

存储溶液 Preservative: 0.02% Sodium azide

Constituent: 99.98% PBS

纯**度** Protein G purified

Primary antibody说明 Human Leukocyte Antigens are highly polymorphic proteins that are involved in the presentation of

antigens to the T-cell receptor. There are two classes of HLA antigens, class I (HLA-A, HLA-B and

HLA-C) and class II (HLA-D). This antibody can be used for HLA typing.

克隆 单克隆

1

 克隆编号
 BB7.1

 骨髓瘤
 NS1

 同种型
 IgG1

 轻链类型
 unknown

应用

The Abpromise guarantee Abpromise™承诺保证使用ab20169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		1/10. Neat - 1/10. ab170190 - Mouse monoclonal lgG1, is suitable for use as an isotype control with this antibody.

靶标

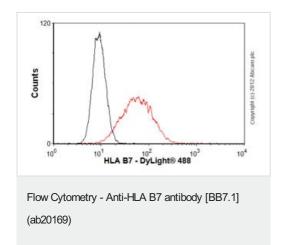
相关性

HLA B belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta 2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa. Hundreds of HLA B alleles have been described.

细胞定位

Cell Membrane, single pass type I membrane protein.

图片



Overlay histogram showing Jurkat cells stained with ab20169 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (a20169, 2 μ g/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse lgG (H+L) (ab96879) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse lgG1 [ICIGG1] (ab91353, 2 μ g/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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

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