

Anti-CD161 antibody [B199.2] ab23624

1 Abreviews 2 References

概述

产品名称	Anti-CD161抗体[B199.2]
描述	小鼠单克隆抗体[B199.2] to CD161
宿主	Mouse
特异性	ab23624 recognises CD161 cell surface antigen, expressed by almost all NK cells and with a small subset of CD3 positive T cells.
经测试应用	适用于: IHC-Fr, IP, Flow Cyt 不适用于: WB
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human CD161. Activated human NK cells.
表位	Clone B199.2 recognises a similar epitope to the DX9 monoclonal antibody.
常规说明	Myeloma cell line: P2X63.Ag8.653 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	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	B199.2

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab23624 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.
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. Use 10ul for 10 ⁶ cells in 100ul, or 1/50 - 1/100. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

应用说明

Is unsuitable for WB.

靶标

功能

Plays an inhibitory role on natural killer (NK) cells cytotoxicity. Activation results in specific acid sphingomyelinase/SMPD1 stimulation with subsequent marked elevation of intracellular ceramide. Activation also leads to AKT1/PKB and RPS6KA1/RSK1 kinases stimulation as well as markedly enhanced T-cell proliferation induced by anti-CD3. Acts as a lectin that binds to the terminal carbohydrate Gal-alpha(1,3)Gal epitope as well as to the N-acetyllactosamine epitope. Binds also to CLEC2D/LLT1 as a ligand and inhibits NK cell-mediated cytotoxicity as well as interferon-gamma secretion in target cells.

组织特异性

Expressed in a subset of NK cells predominantly in intestinal epithelium and liver. Detected in peripheral blood T-cells and preferentially in adult T-cells with a memory antigenic phenotype.

序列相似性

Contains 1 C-type lectin domain.

翻译后修饰

N-glycosylated. Contains sialic acid residues.

细胞定位

Membrane.

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