

Product datasheet

Anti-CD161 antibody [10/78] (Biotin) ab33969

概述

产品名称	Anti-CD161抗体[10/78] (Biotin)
描述	小鼠单克隆抗体[10/78] to CD161 (Biotin)
宿主	Mouse
偶联物	Biotin
特异性	ab33969 recognises the rat CD161 protein (also known as NKRP1)
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Rat
免疫原	Tissue/ cell preparation (Rat) Purified splenic NK cells from the LEW rat strain.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Protein G purified
纯化说明	Prepared from tissue culture supernatant.
克隆	单克隆
克隆编号	10/78
骨髓瘤	x63-Ag8.653
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab33969** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		

应用说明

Flow Cyt: Use neat, or 10µl of the suggested working dilution to label 10⁶ cells in 100µl.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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

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