

## Product datasheet

# Anti-CD161 antibody [PK136] ab22515

### 概述

产品名称	Anti-CD161抗体[PK136]
描述	小鼠单克隆抗体[PK136] to CD161
宿主	Mouse
经测试应用	适用于: Flow Cyt, IP, Functional Studies
种属反应性	与反应: Mouse 不与反应: Rat, Human
免疫原	Tissue/ cell preparation (Mouse): Spleen and bone marrow cells from CE mice

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: 0.88% Sodium chloride, 0.12% Monobasic dihydrogen sodium phosphate
纯度	Affinity purified
纯化说明	Purified from tissue culture supernatant
克隆	单克隆
克隆编号	PK136
骨髓瘤	Sp2/0-Ag14
同种型	IgG2a

### 应用

Our [Abpromise guarantee](#) covers the use of **ab22515** 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		Use at an assay dependent concentration. <a href="#">ab170191</a> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

应用	Ab评论	说明
IP		Use at an assay dependent concentration.
Functional Studies		Use a concentration of 1 - 10 µg/ml.

## 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"

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