

Product datasheet

Anti-CD33 antibody [HIM3-4] (CF405M) ab119490

1 图像

概述

产品名称	Anti-CD33抗体[HIM3-4] (CF405M)
描述	小鼠单克隆抗体[HIM3-4] to CD33 (CF405M)
偶联物	CF405M. Ex: 408nm, Em: 452nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	KG1a cell line
阳性对照	Normal Human peripheral blood cells.
常规说明	CF405M (Abs/Em Max: 408/450nm). Direct replacement for Pacific Blue dye <sup>®</sup> , BD Horizon™ V450.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.20 Preservative: 0.09% Sodium azide Note: Buffer containing antibody stabilizer solution.
纯度	Immunogen affinity purified
克隆	单克隆
克隆编号	HIM3-4
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab119490** in the following tested applications.

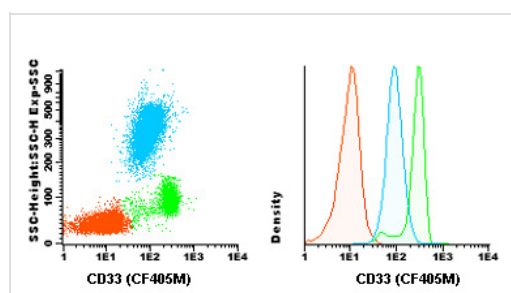
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		Use 5µl for 10 <sup>6</sup> cells. <a href="#">ab126026</a> -Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## 靶标

功能	Putative adhesion molecule of myelomonocytic-derived cells that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. Induces apoptosis in acute myeloid leukemia (in vitro).
组织特异性	Monocytic/myeloid lineage cells.
序列相似性	Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid binding Ig-like lectin) family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
结构域	Contains 2 copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.
翻译后修饰	Phosphorylation of Tyr-340 is involved in binding to PTPN6 and PTPN11. Phosphorylation of Tyr-358 is involved in binding to PTPN6.
细胞定位	Cell membrane.

## 图片



ab119490, at 5 µl/10<sup>6</sup> cells, staining CD33 in normal Human peripheral blood cells by Flow Cytometry. Cells in the lymphocyte gate were used for the analysis.

Flow Cytometry - Anti-CD33 antibody [HIM3-4] (CF405M) (ab119490)

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

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