

PE Anti-beta 2 Microglobulin antibody [B2M-01] ab49424

2 References

概述

产品名称	PE Anti-beta 2 Microglobulin抗体[B2M-01]
描述	PE小鼠单克隆抗体[B2M-01] to beta 2 Microglobulin
宿主	Mouse
偶联物	PE. Ex: 488nm, Em: 575nm
特异性	This antibody reacts with beta 2 microglobulin (b2M) associated with cell-surface MHC Class I molecules and other membrane antigens as well as with soluble beta 2 microglobulin. Beta 2 microglobulin is a 12 kDa Ig like glycoprotein expressed on lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells and epithelial cells. It is absent on erythrocytes.
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human 不与反应: Mouse, Rabbit, Chicken, Cow, Dog
免疫原	Full length native protein (purified) (Human)
阳性对照	Peripheral blood lymphocytes.
常规说明	<p>The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.</p> <p>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.</p> <p>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</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.4 Preservative: 0.097% Sodium azide Constituents: PBS, 0.2% BSA
纯度	Size exclusion

克隆	单克隆
克隆编号	B2M-01
同种型	IgG2a

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab49424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		Use at an assay dependent concentration.

靶标

功能	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.
疾病相关	Defects in B2M are the cause of hypercatabolic hypoproteinemia (HYCATHYP) [MIM:241600]. Affected individuals show marked reduction in serum concentrations of immunoglobulin and albumin, probably due to rapid degradation. Note=Beta-2-microglobulin may adopt the fibrillar configuration of amyloid in certain pathologic states. The capacity to assemble into amyloid fibrils is concentration dependent. Persistently high beta(2)-microglobulin serum levels lead to amyloidosis in patients on long-term hemodialysis.
序列相似性	Belongs to the beta-2-microglobulin family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.
翻译后修饰	Glycation of Ile-21 is observed in long-term hemodialysis patients.
细胞定位	Secreted. Detected in serum and urine.

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