abcam

Product datasheet

Anti-LAMP2 antibody [M3/84] (FITC) ab95752

1 图像

概述

产品名称	Anti-LAMP2抗体[M3/84] (FITC)
描述	大鼠单克隆抗体[M3/84] to LAMP2 (FITC)
宿主	Rat
偶联物	FITC. Ex: 493nm, Em: 528nm
经测试应用	**适用于:** Flow Cyt
种属反应性	**与反应:** Mouse
免疫原	Membrane glycoproteins from C57BL/6 mouse peritoneal exudate cells
阳性对照	Thioglygolate-induced peritoneal exudate cells (PECs); Mouse bone marrow cells

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: PBS, 150mM Sodium chloride, pH 7.2
纯度	Protein G purified
克隆	单克隆
克隆编号	M3/84
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee Abpromise™承诺保证使用ab95752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。

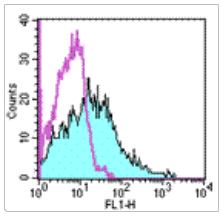
应用	Ab评论	说明

应用	Ab评论	说明
Flow Cyt		Use 0.125-0.5µg for 10^{5-8} cells. Staining the cell sample in a final volume of 100 µl is recommended.

靶标

功能	Implicated in tumor cell metastasis. May function in protection of the lysosomal membrane from autodigestion, maintenance of the acidic environment of the lysosome, adhesion when expressed on the cell surface (plasma membrane), and inter-and intracellular signal transduction. Protects cells from the toxic effects of methylating mutagens.
组织特异性	Isoform LAMP-2A is highly expressed in placenta, lung and liver, less in kidney and pancreas, low in brain and skeletal muscle. Isoform LAMP-2B is highly expressed in skeletal muscle, less in brain, placenta, lung, kidney and pancreas, very low in liver.
疾病相关	Defects in LAMP2 are the cause of Danon disease (DAND) [MIM:300257]; also known as glycogen storage disease type 2B (GSD2B). DAND is a lysosomal glycogen storage disease characterized by the clinical triad of cardiomyopathy, vacuolar myopathy and mental retardation. It is often associated with an accumulation of glycogen in muscle and lysosomes.
序列相似性	Belongs to the LAMP family.
翻译后修饰	O- and N-glycosylated; some of the 16 N-linked glycans are polylactosaminoglycans.
细胞定位	Cell membrane. Endosome membrane. Lysosome membrane. This protein shuttles between lysosomes, endosomes, and the plasma membrane.
形式	Alternative splicing produces 3 isoforms.

图片



Flow Cytometry - Anti-LAMP2 antibody [M3/84] (FITC) (ab95752)

Flow cytometry staining of thioglygolate-induced peritoneal exudate cells (PECs) with staining buffer (autofluorescence) (open histogram) or 0.125 µg of ab95752 (filled histogram). Total viable cells were used for analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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