

Biotin Anti-LAMP2 antibody [H4B4] ab25447

2 References

概述

产品名称	生物素Anti-LAMP2抗体[H4B4]
描述	生物素小鼠单克隆抗体[H4B4] to LAMP2
宿主	Mouse
偶联物	Biotin
经测试应用	适用于: Flow Cyt, IHC-Fr, IP, Blocking
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to LAMP2. Human adherent peripheral blood cells
常规说明	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. Store In the Dark.
存储溶液	<p>pH: 7.4</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: PBS</p>
纯度	IgG fraction
克隆	单克隆
克隆编号	H4B4
同种型	IgG1

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab25447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 10µl for 10 ⁶ cells.
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Blocking		Use at an assay dependent concentration.

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.

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