

# Biotin Anti-LAMP2 antibody [H4B4] ab25447

## 2 References

### 製品の概要

製品名	Biotin Anti-LAMP2 antibody [H4B4]
製品の詳細	Biotin Mouse monoclonal [H4B4] to LAMP2
由来種	Mouse
標識	Biotin
アプリケーション	<b>適用あり:</b> Flow Cyt, IHC-Fr, IP, Blocking
種交差性	<b>交差種:</b> Human
免疫原	Tissue, cells or virus corresponding to LAMP2. Human adherent peripheral blood cells
特記事項	<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&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	<p>pH: 7.4</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: PBS</p>
精製度	IgG fraction
ポリ/モノ	モノクローナル
クローン名	H4B4
アイソタイプ	IgG1

### アプリケーション

**The Abpromise guarantee**      Abpromise保証は、次のテスト済みアプリケーションにおけるab25447の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 10µl for 10 <sup>6</sup> cells.
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Blocking		Use at an assay dependent concentration.

## ターゲット情報

機能	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.
組織特異性	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.
関連疾患	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.
配列類似性	Belongs to the LAMP family.
翻訳後修飾	O- and N-glycosylated; some of the 16 N-linked glycans are polylactosaminoglycans.
細胞内局在	Cell membrane. Endosome membrane. Lysosome membrane. This protein shuttles between lysosomes, endosomes, and the plasma membrane.
製品の状態	Alternative splicing produces 3 isoforms.

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

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