

PE Anti-CD79b antibody [AT105-1] ab33295

1 References

製品の概要

製品名	PE Anti-CD79b antibody [AT105-1]
製品の詳細	PE Mouse monoclonal [AT105-1] to CD79b
由来種	Mouse
標識	PE. Ex: 488nm, Em: 575nm
特異性	Recognises an extracellular region of human CD79b.
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to an extracellular region of human CD79 beta.
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&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.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	AT105-1
ミエローマ	NS1
アイソタイプ	IgG1

アプリケーション

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アプリケーション	Abreviews	特記事項
Flow Cyt		1/1. Use 10µl of the suggested working dilution to label 10 ⁶ cells in 100µl.

ターゲット情報

機能	Required in cooperation with CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Enhances phosphorylation of CD79A, possibly by recruiting kinases which phosphorylate CD79A or by recruiting proteins which bind to CD79A and protect it from dephosphorylation.
組織特異性	B-cells.
関連疾患	Defects in CD79B are the cause of agammaglobulinemia type 6 (AGM6) [MIM:612692]. It is a primary immunodeficiency characterized by profoundly low or absent serum antibodies and low or absent circulating B cells due to an early block of B-cell development. Affected individuals develop severe infections in the first years of life.
配列類似性	Contains 1 Ig-like V-type (immunoglobulin-like) domain. Contains 1 ITAM domain.
翻訳後修飾	Phosphorylated on tyrosine upon B-cell activation.
細胞内局在	Cell membrane. Following antigen binding, the BCR has been shown to translocate from detergent-soluble regions of the cell membrane to lipid rafts although signal transduction through the complex can also occur outside lipid rafts.

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