

Product datasheet

Anti-CD79b antibody [HM79-11] (FITC) ab23522

製品の概要

製品名	Anti-CD79b antibody [HM79-11] (FITC)
製品の詳細	Armenian Hamster monoclonal [HM79-11] to CD79b (FITC)
由来種	Armenian hamster
標識	FITC. Ex: 493nm, Em: 528nm
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Mouse
免疫原	Full length native CD79 alpha/CD79 beta heterodimer purified from WEH1231 B cells. (Mouse).
特記事項	FITC : Protein (molar ratio): 7.5 : 1.0.

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	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	HM79-11
ミエローマ	x63-Ag8.653
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab23522** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
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Flow Cyt

追加情報

Flow Cyt: Use 10µl for 10⁶ cells in 100µl.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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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