

Product datasheet

Recombinant Human CD79b protein ab114420

画像数 1

製品の概要

製品名	Recombinant Human CD79b protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Wheat germ

アミノ酸配列

アクセッション番号 [P40259](#)

生物種 Human

配列
 MARLALSPVPSHWMVALLLLLSAEPVPAARSEDYRNPKGSACSRIWQSP
 RFIARKRGFTVKMHCYMNASGNVSWLWKQEMDENPQQLKLEKGRMEESQ
 NESLATLTIQGIRFEDNGIYFCQQKCNNTSEVYQGCGETLRVMGFSTLAQ
 LKQRNTLKDGIIMIQTLLIILFIIVPIFLLLDKDDSKAGMEEDHTYEGLD
 IDQTATYEDIVTLRTGEVKWSVGEHPGQE

分子量 51 kDa including tags

領域 1 to 229

特性

Our [Abpromise guarantee](#) covers the use of **ab114420** 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	ELISA
	Western blot
	SDS-PAGE

製品の状態 Liquid

備考 Protein concentration is above or equal to 0.05 mg/ml.
 Best used within three months from the date of receipt.

前処理および保存

保存方法および安定性

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

関連情報

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.

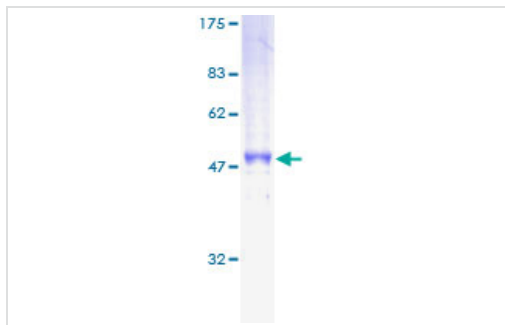
翻訳後修飾

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.

画像



SDS-PAGE - CD79b protein (ab114420)

ab114420 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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