



Anti-CD79B monoclonal antibody, clone HM79-11 [R-PE] (CABT-54574HM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

Hamster anti Mouse CD79b antibody, clone HM79-11 recognizes murine CD79 beta, which is expressed by B cells as part of the B cell receptor complex (immunoglobulin and the CD79 alpha/beta heterodimer). Murine CD79 beta is expressed at the cell surface of pro-B cells prior to surface immunoglobulin, and is expressed throughout B cell differentiation. CD79 beta is a B cell specific marker, valuable for the detection of B cells at all maturation stages. Flow Cytometry Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors.

Specificity

CD79B

Immunogen

CD79 alpha/CD79 beta heterodimer purified from WEH1231 B cells.

Isotype

IgG

Source/Host

Hamster

Species Reactivity

Mouse

Clone

HM79-11

Conjugate

PE

Applications

FC

Format

Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised

Size

100 tests

Preservative

0.09% Sodium Azide

Storage

Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Cd79b CD79B antigen [<i>Mus musculus</i> (house mouse)]
Official Symbol	CD79B
Synonyms	CD79B; CD79B antigen; B29; Ig β ; Ig β eta; Ig-beta; B-cell antigen receptor complex-associated protein beta chain; immunoglobulin-associated beta; B-cell-specific glycoprotein B29; immunoglobulin-associated B29 protein;
Entrez Gene ID	15985
Protein Refseq	NP_032365
UniProt ID	P15530
Chromosome Location	11 E1; 11 68.89 cM
Pathway	Adaptive Immune System; Antigen activates B Cell Receptor (BCR) leading to generation of second messengers; B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; Immune System; Signaling by the B Cell Receptor (BCR);
Function	protein binding; transmembrane signaling receptor activity;