

Monoclonal Antibody to CD79b - FITC

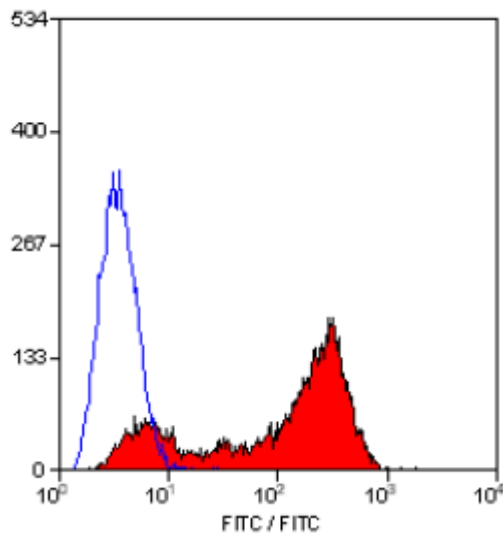
Alternate names:	B-Cell marker, B-cell antigen receptor complex-associated protein beta-chain, B-cell-specific glycoprotein B29, B29, IGB, Immunoglobulin-associated B29 protein
Catalog No.:	SM1576F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	CD79 beta is expressed by B cells as part of the 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.
Uniprot ID:	P15530
NCBI:	NP_032365.1
GeneID:	15985
Host / Isotype:	Hamster / IgG
Clone:	HM79-11
Immunogen:	CD79 alpha/CD79 beta heterodimer purified from WEH1231 B cells. Lymph node cells from immunised Armenian hamsters were fused with cells of the mouse X63-Ag8.653 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow cytometry: The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises murine CD79 beta. Species: Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General References:	1. Koyana, M. et al. (1997) CD79 alpha/CD79 beta heterodimers are expressed on pro-B cell surfaces without associated mu heavy chain. <i>Int. Immunol.</i> 9: 1767-1772.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Pictures:



Staining of Mouse spleen cells with Hamster Anti Mouse CD79b-FITC (SM1576F/FT).

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