

Product datasheet for **SM1576F**

Cd79b Hamster Monoclonal Antibody [Clone ID: HM79-11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HM79-11
Applications:	FC
Recommended Dilution:	Flow cytometry: The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Reactivity:	Mouse
Host:	Hamster
Isotype:	IgG
Clonality:	Monoclonal
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.
Specificity:	This antibody recognises murine CD79 beta.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	FITC
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD79B antigen
Database Link:	Entrez Gene 15985 Mouse P15530



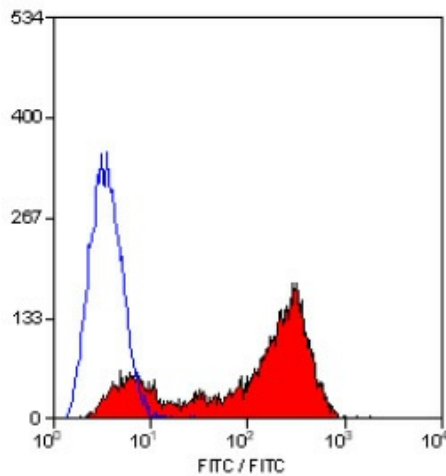
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Background:

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.

Synonyms:

B29, IGB, B-Cell marker

Product images:

Staining of Mouse spleen cells with Hamster Anti Mouse CD79b-FITC.