

## Product datasheet for **SM1576R**

### 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. Spleen cells from immunised Armenian hamsters were fused with cell of the mouse X63-Ag8.653 myeloma cell line.
Specificity:	This antibody recognises CD79 beta.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE State: Lyophilized purified IgG fraction. Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1.0 ml distilled water.
Purification:	Affinity chromatography on Protein G.
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD79B antigen
Database Link:	<a href="#">Entrez Gene 15985 Mouse P15530</a>



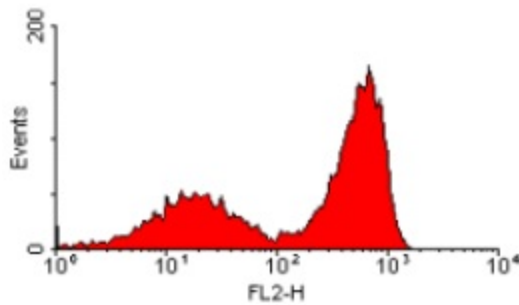
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**Background:**

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 splenocytes with Hamster Anti Mouse CD79b-RPE (SM1576R/RT).