

## Product datasheet for **SM1873F**

### CD79B Rat Monoclonal Antibody [Clone ID: AT107-2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	AT107-2
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of Neat-1/5 diluted antibody to label 10e6 cells in 100 µl (Membrane permeabilisation is required).
Reactivity:	Canine, Human, Mouse, Porcine, Rat
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Peptide corresponding to an intracellular region of Human CD79b. Spleen cells from immunised rat were fused with cells of the mouse NS-1 myeloma cell line.
Specificity:	This antibody recognises an intracellular region of CD79b, a cell surface antigen expressed by B lymphocytes.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. 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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD79b molecule
Database Link:	<a href="#">Entrez Gene 974 Human P40259</a>

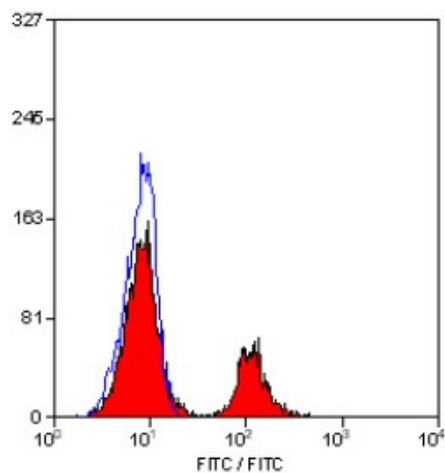


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**Background:** The CD79b molecule (also known as Ig beta and B29) associates with CD79a to form a heterodimer that is covalently linked to surface immunoglobulin, forming the B-cell receptor (BCR) complex.

**Synonyms:** B29, IGB, B-Cell marker

**Product images:**



Flow Cytometry: Staining of Rat peripheral blood lymphocytes with Rat Anti Human CD79b antibody -FITC conjugated after permeabilisation.