

Product datasheet for **SM1873P**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT107-2
Applications:	ELISA, FC, IP, WB
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 1 ⁰ cells. Membrane permeabilisation is required for this application. Immunoprecipitation. ELISA. Western Blot.
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 clone AT107-2 recognizes a cytoplasmic region of mouse and human CD79b, a cell surface antigen expressed by B lymphocytes. The CD79b molecule (also known as Ig beta and B29) associates with CD79a to form a heterodimer that is non-covalently linked to surface immunoglobulin, forming the B-cell receptor (BCR) complex. Negative Species: Chicken.
Formulation:	TRIS buffered saline pH 8.0 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



[View online »](#)

Gene Name:	CD79b molecule
Database Link:	Entrez Gene 974 Human P40259
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