



Anti-CD79B monoclonal antibody, clone AT107-2 (CABT-49746RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD79b 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. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
Specificity	CD79B
Immunogen	Peptide containing 20 amino acids residues from mouse CD79b coupled to Keyhole Limpet Hemocyanin (KLH).
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Mouse, Dog, Human, Koala, Pig, Rat, Tasmanian Devil
Clone	AT107-2
Conjugate	Unconjugated
Applications	ELISA; FC; IP; WB
Format	Purified IgG - liquid
Size	200 µg
Preservative	See individual product datasheet
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend

microcentrifugation before use.

GENE INFORMATION

Gene Name	Cd79b CD79B antigen [Mus musculus (house mouse)]
Official Symbol	CD79B
Synonyms	CD79B; CD79B antigen; B29; Igb; Igbeta; Ig-beta; B-cell antigen receptor complex-associated protein beta chain; immunoglobulin-associated beta; B-cell-specific glycoprotein B29; immunoglobulin-associated B29 protein;
Entrez Gene ID	15985
Protein Refseq	NP_032365
UniProt ID	P15530
Chromosome Location	11 E1; 11 68.89 cM
Pathway	Adaptive Immune System; Antigen activates B Cell Receptor (BCR) leading to generation of second messengers; B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; Immune System; Signaling by the B Cell Receptor (BCR);
Function	protein binding; transmembrane signaling receptor activity;