



# Rat Anti-Mouse CD79b Monoclonal Antibody, clone BU218-3 (DCABH-8172)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody recognizes a cytoplasmic region of mouse and human CD79b.
<b>Immunogen</b>	Peptide containing 20 amino acid residues from mouse CD79b conjugated to Keyhole Limpet Hemocyanin (KLH).
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Human, Mouse, Rat, Cat, Dog, Pig, Koala, Tasmanian Devil
<b>Clone</b>	BU218-3
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, FC, IP, ELISA Recommended dilution: FC: 1:50-1:100
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Tris buffered saline, 0.09% Sodium Azide
<b>Preservative</b>	0.09% sodium azide

<b>Storage</b>	Store as concentrated solution. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	The B-cell antigen receptor (BCR) is a multimeric complex consisting of an antigen-recognition structure and a membrane-bound immunoglobulin (mIg), associated non-covalently with a heterodimer of Ig-alpha (encoded by the CD79A gene) and Ig-beta (encoded by the CD79B gene). Signalling through the BCR is mediated by Ig-alpha and Ig-beta cytoplasmic domain.
<b>Keywords</b>	CD79B;CD79b molecule, immunoglobulin-associated beta;B29;AGM6;B-cell antigen receptor complex-associated protein beta chain

## GENE INFORMATION

<b>Gene Name</b>	CD79B
<b>Entrez Gene ID</b>	<a href="#">15985</a>
<b>UniProt ID</b>	<a href="#">P15530</a>