

## Product datasheet for **AM08072FC-N**

### **Cd79b Hamster Monoclonal Antibody [Clone ID: HM79-12]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	HM79-12
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> < / = 1 µg/10e6 cells. (Ref.1,2)
Reactivity:	Mouse
Host:	Hamster
Isotype:	IgG
Clonality:	Monoclonal
Specificity:	This antibody recognises beta chain of the mouse B-cell receptor (Mr. 23 kDa).
Formulation:	PBS containing 0.09% Sodium Azide as preservative. Label: FITC State: Liquid purified Ig fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
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 antigen
Database Link:	<a href="#">Entrez Gene 15985 Mouse P15530</a>



[View online »](#)

**Background:**

Murine CD79 is a 23/21 kDa disulfide-linked heterodimer composed of an alpha chain (CD79a/mb-1) and a beta chain (CD79b/B29) that associates non-covalently with membrane immunoglobulin (Ig) to form the B cell receptor (BCR) complex. Its expression is restricted to B lymphocytes, first appearing on the surface at the pro-B cell stage prior to productive Ig gene rearrangements and remaining through all stages of B-cell differentiation prior to plasma cells. It has been proposed that the CD79 complex on pro-B cell surfaces may function to induce early B-cell differentiation. (Ref.1)

**Synonyms:**

B29, IGB, B-Cell marker