

## Product datasheet for **AM08072LE-N**

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

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	HM79-12
Applications:	FC, IHC, IP, WB
Recommended Dilution:	<b>Flow Cytometry.</b> (Ref.1,2) <b>Immunoprecipitation.</b> (Ref.1) <b>Immunohistochemistry on Frozen Sections.</b> (Ref.3) <b>Western Blotting.</b> (Ref.1)
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 without preservatives. State: Low Endotoxin State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted (in aliquots) at -20°C. 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>



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**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