

## Product datasheet for **AM08164RP-N**

### CD79B Mouse Monoclonal Antibody [Clone ID: CB3-1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CB3-1
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> 10 µL/10e6 cells.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody reacts with the beta chain of CD79. (Ref.1-4)
Formulation:	PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent. Label: PE State: Liquid purified Ig fraction. Label: R-Phycoerythrin
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> 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 molecule
Database Link:	<a href="#">Entrez Gene 974 Human P40259</a>
Background:	CD79 is a 23/21 disulfide-linked heterodimer composed of an alpha chain (CD79a/mb-1) and a beta chain (CD79b/B29). CD79b is the B cell antigen receptor Ig beta chain (BCR Ig beta), which associates with B cell antigen receptor Ig alpha chain to form a functional heterodimer that interacts with membrane immunoglobulin (mIg). The mIgM component binds antigen and the Ig alpha/Ig beta heterodimer transduces signals. CD79 beta is a B cell specific marker, valuable for the detection of B cells at all maturation stages.



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**Synonyms:** B29, IGB, B-Cell marker