

## Product datasheet for **SM1576PS**

### Cd79b Hamster Monoclonal Antibody [Clone ID: HM79-11]

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Clone Name:           | HM79-11  |
| Applications:         | FC, IHC, IP, WB  |
| Recommended Dilution: | Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 10e6 cells in 100 µl.<br>Immunohistochemistry on Frozen Sections.<br>Immunoprecipitation.<br>Western Blot.       |
| Reactivity:           | Mouse  |
| Host:                 | Hamster  |
| Isotype:              | IgG  |
| Clonality:            | Monoclonal   |
| Immunogen:            | CD79 alpha/CD79 beta heterodimer purified from WEH1231 B cells. Spleen cells from immunised Armenian hamsters were fused with cell of the mouse X63-Ag8.653 myeloma cell line NS1. |
| Specificity:          | This antibody recognises murine CD79 beta.   |
| Formulation:          | PBS, pH 7.4 containing 0.09% Sodium Azide as preservative.<br>State: Purified<br>State: Liquid purified IgG fraction.  |
| Concentration:        | lot specific   |
| Purification:         | Affinity Chromatography on Protein G.  |
| Conjugation:          | Unconjugated   |
| Storage:              | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>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:** CD79 beta is expressed by B cells as part of the B cell receptor complex (immunoglobulin and the CD79 alpha/beta heterodimer). Murine CD79 beta is expressed at the cell surface of pro-B cells prior to surface immunoglobulin, and is expressed throughout B cell differentiation. CD79 beta is a B cell specific marker, valuable for the detection of B cells at all maturation stages.

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