

## Anti-CD79b [B29/123] Standard Size Ab01333-3.0

Developed in partnership with Ximbio ([www.ximbio.com](http://www.ximbio.com)).

**Isotype and Format:** Mouse IgG2b, Lambda

**Clone Number:** B29/123

**Alternative Name(s) of Target:** B-cell antigen receptor complex-associated protein beta chain; B-cell-specific glycoprotein B29; Ig-beta; Immunoglobulin-associated B29 protein; B29; IGBAGM6; B29 123

**UniProt Accession Number of Target Protein:** P40259

**Published Application(s):** WB, IHC

**Published Species Reactivity:** Human, Mouse

**Immunogen:** This antibody was raised against the sequence G-E-V-K-W-S-V-G-E-H-P-G-Q-E, representing the carboxy-terminus, from amino acid 215 on, of the human and murine B29 polypeptides.

**Specificity:** This antibody recognises intracellular C-terminus of human and murine CD79b which is part of the B-cell antigen receptor which constitutes a disulphide linked heterodimer, consisting of CD79a (mb1) and CD79b / B29 polypeptides which are non-covalently associated with membrane bound immunoglobulins on B-cells.

**Application Notes:** This antibody is recommended for the immunohistochemical and Western blot investigation of B-cells and their cancers which express CD79b. B29/123 antibody recognises specifically CD79b protein whose expression pattern during B-cell development is distinct from CD79a. Consequently, this antibody might be utilised in the investigation of processes associated with characteristic CD79b expression. For instance, one group used it in the immunofluorescence staining of WEHI231 cells transduced with LAPTM5-IRES-GFP in a study on B-cell activation (Ouchida et al., 2010).

**Antibody First Published in:** Brouns et al. The structure of the mu/pseudo light chain complex on human pre-B cells is consistent with a function in signal transduction. Eur J Immunol. 1993 May;23(5):1088-97.

[PMID:8477803](#)

**Note on publication:** This article describes the generation and characterisation of B29/123 antibody.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.