

Mouse anti-Human CD79 beta (B29, Ig beta) Monoclonal Antibody

Mouse Anti-Human CD79b/B29-BIOT

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78758	Mouse	Human	Immunoprecipitation, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD79 beta (B29; Ig beta); Monoclonal Antibody; Mouse Anti-Human CD79b/B29-BIOT; Mouse Anti-Human CD79b/B29 - Biotin; Mouse Anti-Human CD79 beta (B29; anti-CD79 beta (B29; Ig beta) antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	CB3-1
Specificity	Human CD79 beta /B29/Ig beta CD79 is a 23/21 disulfide-linked heterodimer composed of an alpha chain (CD79a/mb-1) and a beta chain (CD79b/B29) that associates non-covalently with membrane immunoglobulin 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 and remaining through all stages of B cell differentiation prior to plasma cells. Crosslinking of the BCR leads to B cell activation. The monoclonal antibody CB3-1 reacts with the beta chain of CD79.1-4
Form/Format	Biotin (BIOT) Conjugate
Applicable Applications for anti-CD79 beta (B29, Ig beta) antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Characterization	To ensure lot-to-lot consistency, each batch of monoclonal antibody is tested to conform to characteristics of a standard reference reagent using immunofluorescence staining and analysis on a Becton Dickinson FACScan™ flow cytometer.
Preparation and Storage	The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.0. No preservatives or amine-containing buffer salts added. Store at 2- 8 degree C. The fluorescein (FITC) conjugate is supplied as 100 tests in 1.0 mL of PBS/Na ₃ . Store at 2-8 degree C. The biotin (BIOT) conjugate is supplied as 100 tests in 1.0 mL of PBS/Na ₃ . Store at 2-8 degree C. The R-phycoerythrin (R-PE) and allophycocyanin (APC) conjugates are supplied as 100 tests in 1.0 mL of PBS/Na ₃ and a stabilizing agent. Store at 2-8 degree C. Do not freeze! The Spectral Red? (SPRD) conjugate is supplied as 100 tests in 1.0 mL of PBS/Na ₃ and a stabilizing agent. Store at 2-8 degree C. Do not freeze! Protect conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

ADDITIONAL INFORMATION

References	1. Schlossman, S., L. Bloumsell, W. Gilks, J.M. Harlan, C. Kishimoto, J. Ritz, S. Shaw, R. Silverstein, T. Springer, T.F. Tedder, and R.F. Todd, eds. 1995. Leukocyte Typing V: White Cell Differentiation Antigens, Oxford University Press, Oxford. 2. Kishimoto, T., A.E.G. von dern Borne, S.M. Goyert, D.Y. Mason, M. Miyasaka, L. Moretta, K. Okumura, S. Shaw, T.A. Springer, K. Sugamura, and H. Zola, eds. 1998. Leukocyte Typing VI: White Cell Differentiation Antigens, Academic Press, New York. 3. Barclay, A.N., M.H. Brown, S.K.A. Law, A.J. McKnight, M.G. Tomlinson, and P.A. van der Merwe, eds. 1997. The Leukocyte Antigens Facts Book, 2nd Edition, CD79 Section, Academic Press, New York, p. 332. 4. Nakamura, T., H. Kubagawa, and M.D. Cooper, 1992. Proc. Natl. Acad. Sci. USA 89:8522.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd79-beta-b29-ig-beta-antibody-clone-cb3-1-immunoprecipitation-immunohistochemistry-flow-cytometry-elisa/78758>