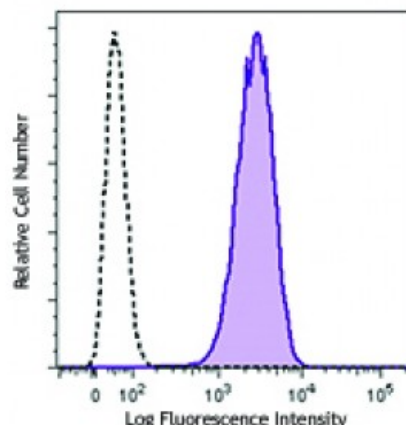


PE/Dazzle™ 594 anti-human/mouse Bcl-6

Catalog # / Size:	2392550 / 100 tests 2392545 / 25 tests
Clone:	7D1
Isotype:	Rat IgG2a, κ
Immunogen:	Sequence 226-398 of murine BLC6 fused with GST
Reactivity:	Human, Mouse
Preparation:	The antibody was purified by affinity chromatography and conjugated with PE/Dazzle™ 594 under optimal conditions. The solution is free of unconjugated PE/Dazzle™ 594 and unconjugated antibody.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).
Concentration:	Lot-specific



Burkitt's lymphoma cell line, Ramos, was treated with the True-Nuclear™ Transcription Buffer Set, and stained with Bcl-6 (clone 7D1) PE/Dazzle™ 594 (filled histogram) or rat IgG2a, κ PE/Dazzle™ 594 isotype control (open hist)

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by intracellular flow cytometry . For flow cytometric staining, the suggested use of this reagent is 5 microL per million cells or 5 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
	* PE/Dazzle™ 594 has a maximum excitation of 566 nm and a maximum emission of 610 nm.
Application Notes:	Additional reported applications (for the relevant formats) include: Western blotting ^{1,2,3} .
	NOTE: For flow cytometric staining with this clone, True-Nuclear™ Transcription Factor Buffer Set (Cat. No. 424401) offers improved staining and is highly recommended.
Application References:	1. Vikstrom, <i>et al.</i> 2010. <i>Science</i> 330:1095. (WB) 2. Kallies A, <i>et al.</i> 2011. <i>Blood</i> 117:1869. (WB) 3. Lüthje K, <i>et al.</i> 2012. <i>Nat. Immunol.</i> 13:491. (WB) 4. Tonti E, <i>et al.</i> 2012. <i>J. Immunol.</i> 188:3217. (ICFC)

Description: B-cell lymphoma 6 (Bcl-6), is an 80 kD homodimer, member of the BTB-POZ zinc finger family. It contains 1 BTB (POZ) domain and 6 C2H2-type zinc fingers. Bcl-6 is a transcriptional repressor, master regulator of germinal center reaction. On B cells, Bcl-6 induces proliferation, antibody class switch and affinity maturation, while inhibits its differentiation to plasma cells. On T cells, Bcl-6 induces its differentiation to T_{FH}. This molecule is also expressed in some B cell lymphomas and breast cancer cells.

Antigen 1. Basso K and Dalla-Favera R. 2012. *Immunol. Rev.* 247:172.

- References:**
2. Vinuesa CG, and Cyster JG, 2011. *Immunity* 35:671.
 3. Kitano M, *et al.* 2011. *Immunity* 34:961.
 4. Ba