

Rabbit anti-Human BCL6 Polyclonal Antibody | anti-BCL6 antibody

Anti-BCL6 Antibody Picoband

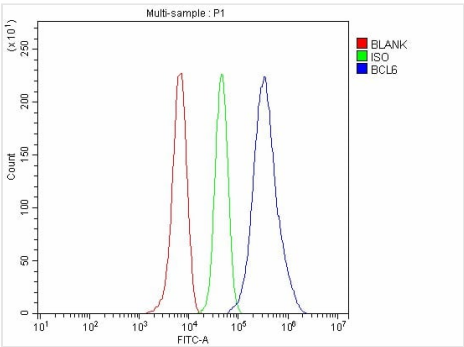
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126970	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

BCL6; Polyclonal Antibody; Anti-BCL6 Antibody Picoband; anti-BCL6 antibody

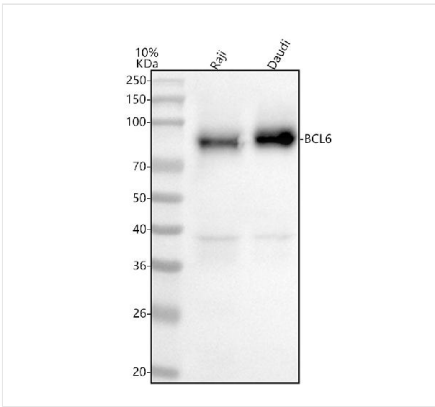
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-BCL6 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E coli-derived human BCL6 recombinant protein (Position: R28-K336). Human BCL6 shares 90.6% amino acid (aa) sequence identity with mouse BCL6.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of Raji cells using anti-BCL6 antibody (AAA126970). Overlay histogram showing Raji cells stained with AAA126970 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-BCL6 Antibody (AAA126970, 1ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1ug/1x10⁶) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



WB (Western Blot)

Figure 1. Western blot analysis of BCL6 using anti-BCL6 antibody (AAA126970). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Raji whole cell lysates, Lane 2: human Daudi whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BCL6 antigen affinity purified polyclonal antibody (#AAA126970) at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for BCL6 at approximately 88 kDa. The expected band size for BCL6 is at 79 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL6 antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-BCL6 antibody	Primary Antibodies
References	1. Akasaka, T., Miura, I., Takahashi, N., Akasaka, H., Yonetani, N., Ohno, H., Fukuhara, S., Okuma, M. A recurring translocation, t(3;6)(q27;p21), in non-Hodgkin's lymphoma results in replacement of the 5-prime regulatory region of BCL6 with a novel H4 histone gene. Cancer Res. 57: 7-12, 1997. 2. Barnett, B. E., Ciocca, M. L., Goenka, R., Barnett, L. G., Wu, J., Laufer, T. M., Burkhardt, J. K., Cancro, M. P., Reiner, S. L. Asymmetric B cell division in the germinal center reaction. Science 335: 342-344, 2012.3. Baron, B. W., Nucifora, G., McCabe, N., Espinosa, R., III, Le Beau, M. M., McKeithan, T. W. Identification of the gene associated with the recurring chromosomal translocations t(3;14)(q27;q32) and t(3;22)(q27;q11) in B-cell lymphomas. Proc. Nat. Acad. Sci. 90: 5262-5266, 1993.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195927002
NCBI GeneID	604
NCBI Accession #	NP_001124317.1
NCBI GenBank Nucleotide #	NM_001130845.1
UniProt Accession #	P41182; A7E241; B8PSA7; D3DNV5
Molecular Weight	78,846 Da
NCBI Official Full Name	B-cell lymphoma 6 protein isoform 1
NCBI Official Synonym Full Names	B-cell CLL/lymphoma 6

NCBI Official Symbol	BCL6
NCBI Official Synonym Symbols	BCL5; LAZ3; BCL6A; ZNF51; ZBTB27
NCBI Protein Information	B-cell lymphoma 6 protein; BCL-5; BCL-6; protein LAZ-3; zinc finger protein 51; B-cell lymphoma 5 protein; B-cell lymphoma 6 protein transcript; zinc finger transcription factor BCL6S; cys-his2 zinc finger transcription factor; zinc finger and BTB domain-
UniProt Protein Name	B-cell lymphoma 6 protein
UniProt Gene Name	BCL6
UniProt Synonym Gene Names	BCL5; LAZ3; ZBTB27; ZNF51; BCL-6; BCL-5
UniProt Entry Name	BCL6_HUMAN

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/polyclonal/bcl6-antibody-flow-cytometry-western-blot-elisa/126970>