SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-BCL6 antibody

Catalog Number: SLM-60223R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	C4E12
Target:	BCL6
Purification:	Affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	Flow-Cyt=1:50-100 ICC/IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Subcellular Location:	The nucleus
Background:	Transcriptional repressor mainly used for germinal center (GC) formation and antibody affinity maturation, and its mechanism of action is related to lineage and biological function. In genotoxic stress, p53/TP53-dependent and -independent control of cell cycle arrest in GC B cells. In addition, it can control neurogenesis by altering the composition of NOTCH-dependent transcriptional complexes at selective NOTCH targets (such as HES5), including recruitment of the deacetylase SIRT1, and leading to epigenetic silencing and neuronal differentiation.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]

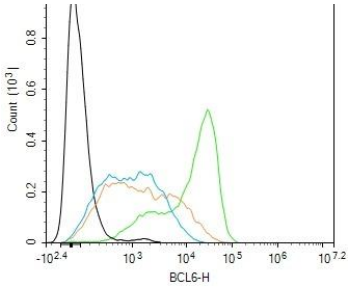


Figure 1. The Daudi (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C,the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.).Primary Antibody (green):Rabbit Anti-BCL6 antibody (SLM-60223R): 1 µg/10^6 cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC (SL40295G-FITC): 1 µg/test. Isotype Control (orange): Rabbit IgG (SL0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed

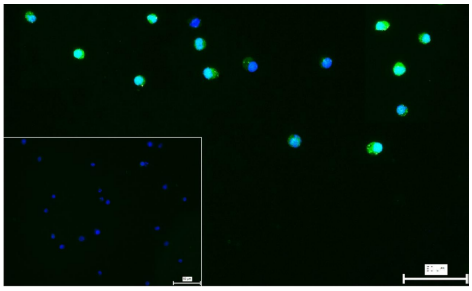


Figure 2. 4% Paraformaldehyde-fixed Daudi (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (BCL6) monoclonal Antibody, unconjugated (SLM-60223R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, SL40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control

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