

BCL6 Recombinant Rabbit mAb

Catalog # AP99859

Product Information

Reactivity	Human
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Immunogen	A synthesized peptide derived from human BCL 6
Epitope Specificity	650-706/706
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 BTB (POZ) domain. Contains 6 C2H2-type zinc fingers.
SUBUNIT	Homodimer. Interacts (via BTB domain) with BCOR; the interaction is direct. Interacts (via BTB domain) with NCOR2; the interaction is direct. Interacts with ZBTB7 and BCL6B (By similarity). Interacts with the catalytic domain of HDAC9.
Post-translational modifications	Phosphorylated by MAPK1 in response to antigen receptor activation at Ser-333 and Ser-343. Phosphorylation induces its degradation by ubiquitin/proteasome pathway. Polyubiquitinated. Polyubiquitination leads to degradation by the proteasome.
DISEASE	Note=Chromosomal aberrations involving BCL6 may be a cause of B-cell non-Hodgkin lymphoma. Translocation t(3;14)(q27;q32); translocation t(3;22)(q27;q11) with immunoglobulin gene regions. Note=A chromosomal aberration involving BCL6 may be a cause of a form of B-cell leukemia. Translocation t(3;11)(q27;q23) with POU2AF1/OBF1. Note=A chromosomal aberration involving BCL6 may be a cause of lymphoma. Translocation t(3;4)(q27;p11) with ARHH/TTF.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a zinc finger transcription factor and contains an N-terminal POZ domain. This protein acts as a sequence-specific repressor of transcription, and has been shown to modulate the transcription of START-dependent IL-4 responses of B cells. This protein can interact with a variety of POZ-containing proteins that function as transcription corepressors. This gene is found to be frequently translocated and hypermutated in diffuse large-cell lymphoma (DLCL), and may be involved in the pathogenesis of DLCL. Alternatively spliced transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq].

Additional Information

Other Names	BCL5; BCL6A; LAZ3; ZBTB27; ZNF51; BCL6_HUMAN; BCL6; BCL-6; B-cell lymphoma 5 protein (BCL-5); Protein LAZ-3; Zinc finger and BTB domain-containing protein 27; Zinc finger protein 51; BCL6_MOUSE; BCL6 transcription repressor; B cell CLL/lymphoma 6; BCL6, transcription repressor
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Dilution	Flow-Cyt=1:50-100,ICC/IF=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	BCL6 Recombinant Rabbit mAb
Function	Transcriptional repressor which is required for germinal center formation and antibody affinity maturation. Probably plays an important role in lymphomagenesis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.