Human/Mouse Bcl-6 Alexa Fluor® 532-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF5046X
100 µg

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse Bcl-6 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant mouse Bcl-6 Glu522-Thr696 Accession # Q8CB25
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Bcl-6 (B-cell lymphoma protein 6; also ZFP51, LAZ-3 and Bcl-5) is an 80 kDa member of the Kruppel-like family of zinc finger proteins. It is expressed in germinal center B cells, neutrophils, monocytes, and immature dendritic cells, and serves as a potent transcriptional repressor of genes such as p53. Human Bcl-6 is 706 amino acids (aa) in length and contains an N-terminal BTB/POZ protein interaction domain (aa 32-99) and a series of six C2H2-type C-terminal zinc finger domains that bind DNA (aa 518-681). Centrally located are three PEST sequences (aa 336-430) that undergo phosphorylation by MAPK. This increases the molecular weight of Bcl-6 to 97 kDa and induces its degradation. Human Bcl-6 is about 99% aa identical to mouse and canine Bcl-6.

PRODUCT SPECIFIC NOTICES

Bio-Techne®
Global | bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL: 1.612.379.2956
USA | TEL: 800.343.7475 Canada | TEL: 855.668.8722 Europe | Middle East | Africa TEL: +44.0.1235.529449
China | info.cn@bio-techne.com TEL: 400.821.3475