

Bcl-6 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50239

Clone# BP6216

Predicted Molecular Wt: 79kDa

Purity: ProA affinity purified IgG

Species Cross-reactivity: Human

Form: Liquid

Applications: IHC-P

Swissprot ID: P41182

Background:

Bcl-6 is a transcriptional regulator gene which codes for a 706-amino-acid nuclear zinc finger protein. The mitogen-activated protein kinases, Erk1 and Erk2, but not JNK, phosphorylate BCL6 at multiple sites. Phosphorylation of BCL6 at Ser333 and Ser343 results in degradation of BCL6 by the ubiquitin/proteasome pathway in B cells. In addition, BCL6 is acetylated and its transcriptional repressor function is inhibited by the transcriptional co-activator p300. Antibodies to this protein stain the germinal center cells in lymphoid follicles, follicular cells and interfollicular cells in Follicular Lymphoma, Diffuse Large B-Cell Lymphomas, Burkitt's Lymphoma, and the majority of the Reed-Sternberg cells in Nodular Lymphocyte-Predominant Hodgkin's Disease.

Subcellular location:

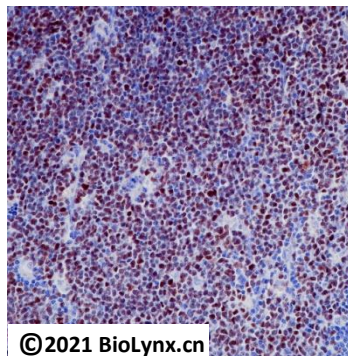
Nuclear

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Recombinant fragment within Human Bcl-6.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human diffuse large B cell lymphoma tissue labelling Bcl-6 with BP6216. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-25°C to -18°C

Storage instructions:


Shipped on blue ice. Upon delivery, aliquot, and store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200

Background References:

1. Shvarts, A. et al. (2002) Genes Dev 16, 681-6.
2. Bereshchenko, O.R. et al. (2002) Nat Genet 32, 606-13.

Product QC'd by: 

For research use only. Not for use in diagnostic or therapeutic applications.