

For Research Use Only

# Biotin-conjugated BCL6 Monoclonal antibody



Catalog Number: Biotin-66340

## Basic Information

<b>Catalog Number:</b> Biotin-66340	<b>GenBank Accession Number:</b> BC150184	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100UL, Concentration: 1000 µg/ml by 604 Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 604	<b>CloneNo.:</b> 1E6B1
<b>Source:</b> Mouse	<b>Full Name:</b> B-cell CLL/lymphoma 6	<b>Recommended Dilutions:</b> IHC 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 706 aa, 79 kDa	
<b>Immunogen Catalog Number:</b> AG15519		

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human tonsillitis tissue,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

BCL6, a zinc finger transcription factor, contains a N-terminal BTB/POZ domain and C-terminal zinc finger DNA-binding motifs and represses transcription of a wide range of target proteins and microRNAs. BCL6 protein has been reported as a master regulator of B lymphocyte development and growth, and altered BCL6 protein expression was implicated in pathogenesis of diverse human hematologic malignancies, especially in the diffuse large B cell lymphoma (DLBCL). BCL6 is required for the development of T follicular helper T cells (TFH), a helper T cell subset required for the formation of mature and productive GCs. BCL6 has also been shown to play important regulatory roles in macrophages. This antibody only recognize human species.

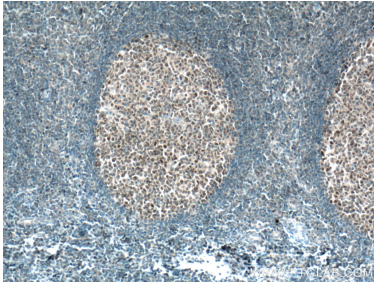
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

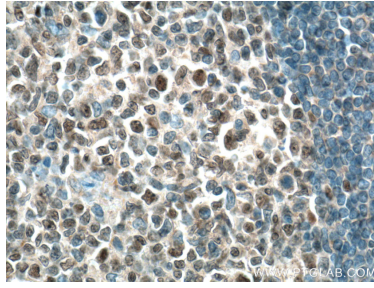
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using Biotin-66340 (BCL6 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using Biotin-66340 (BCL6 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).