

# CoraLite®488-conjugated BCL6 Monoclonal antibody

Catalog Number: **CL488-66340**

## Basic Information

<b>Catalog Number:</b> CL488-66340	<b>GenBank Accession Number:</b> BC150184	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 604	<b>CloneNo.:</b> 1E6B1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P41182	<b>Excitation/Emission maxima wavelengths:</b> 491 nm / 516 nm
<b>Isotype:</b> IgG1	<b>Full Name:</b> B-cell CLL/lymphoma 6	
<b>Immunogen Catalog Number:</b> AG15519	<b>Calculated MW:</b> 706 aa, 79 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human

## 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.

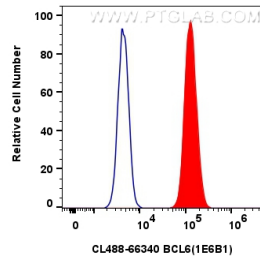
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

## Selected Validation Data



1x10<sup>6</sup> Ramos cells were intracellularly stained with 0.8 ug CoraLite® 488 Anti-Human BCL6 (CL488-66340, Clone:1E6B1)(red), or 0.8 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (1F8D3) (CL488-66360-1, Clone: 1F8D3) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).