

For Research Use Only

# CoraLite®594-conjugated MYBBP1A Monoclonal antibody



Catalog Number:CL594-67996

## Basic Information

<b>Catalog Number:</b> CL594-67996	<b>GenBank Accession Number:</b> BC050546	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 10514	<b>CloneNo.:</b> 1H2D10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9BQG0	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> MYB binding protein (P160) 1a	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG6008	<b>Calculated MW:</b> 149 kDa	
	<b>Observed MW:</b> 140 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, FC (Intra)	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

The protooncogene MYB is predominantly expressed in immature hemopoietic cells where it has an essential role in hemopoietic cell proliferation and differentiation. Oncogenically activated forms of MYB is generally N- and/or C-terminal truncations of the normal MYB protein. Removal of the C terminus of MYB disrupts or deletes a region termed the negative regulatory domain (NRD), resulting in an increase in DNA binding, transactivation, and transformation by MYB. One feature of the NRD is a leucine zipper-like motif [PMID: 8302594]. Murine Myb-binding protein-1a (MYBBP1A), originally called P160, was identified by its ability to interact specifically with Myb via this leucine zipper-like motif. MYBBP1A modulates MYB activity upon binding to the MYB NRD [PMID: 10644447, 9447996].

## 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**

For technical support and original validation data for this product please contact:

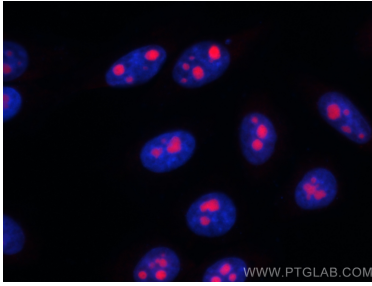
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

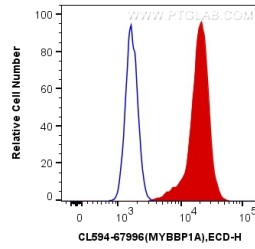
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 MYBBP1A antibody (CL594-67996, Clone: 1H2D10) at dilution of 1:200.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human MYBBP1A (CL594-67996, Clone:1H2D10) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).