For Research Use Only

CoraLite® Plus 488-conjugated MYBBP1A Monoclonal antibody

Catalog Number:CL488-67996

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL488-67996

Concentration:
1000 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG6008

GenBank Accession Number:
BC050546

GeneID (NCBI):
10514

UNIPROT ID:
Q9BQG0

Full Name:
MYB binding protein (P160) 1a

Calculated MW:
149 kDa

Observed MW:
140 kDa

Purification Method:
Protein G purification

CloneNo.:
1H2D10

Recommended Dilutions:
FC (Intra): 0.40 ug per 10^6 cells in a 100 µl suspension
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Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, mouse, rat

Positive Controls:

FC (Intra) : HepG2 cells,

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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].

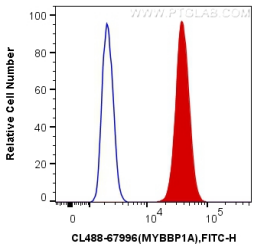
Storage

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, pH7.3
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 W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10^6 HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human MYBBP1A (CL488-67996, Clone:1H2D10) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).