MYBBP1A Monoclonal antibody, PBS Only

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Catalog Number:67996-1-PBS

Basic Information

Catalog Number:	67996-1-PBS
Size:	100ug , Concentration: 1 mg/ml by Nanodrop;
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

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
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].
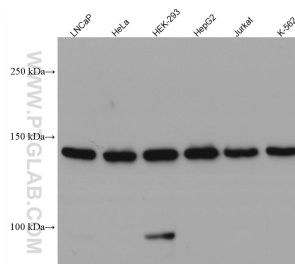
Storage
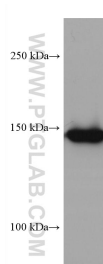
Storage:
Store at -80℃.
Storage Buffer:
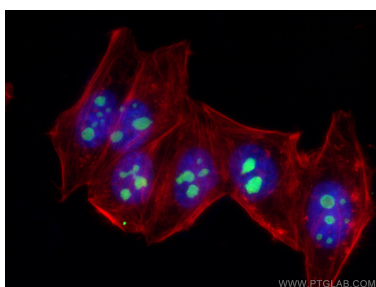PBS Only

Various lysates were subjected to SDS PAGE followed by western blot with 67996-1-Ig (MYBBP1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67996-1-PBS in a different storage buffer formulation.
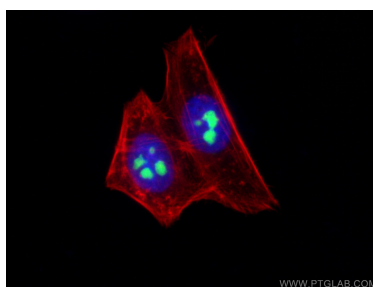

HSC-T6 cells were subjected to SDS PAGE followed by western blot with 67996-1-Ig (MYBBP1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67996-1-PBS in a different storage buffer formulation.
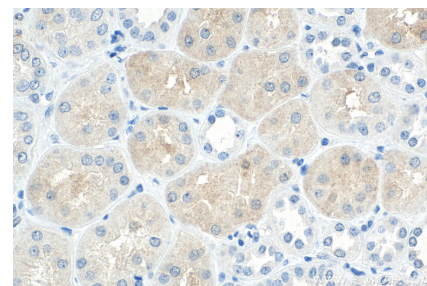
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 67996-1-Ig (MYBBP1A antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67996-1-PBS in a different storage buffer formulation.
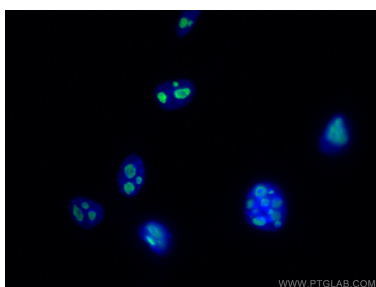

Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MYBBP1A antibody (67996-1-Ig, Clone: 1H2D10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 67996-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MYBBP1A antibody (67996-1-Ig, Clone: 1H2D10) at dilution of 1:600 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 67996-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using MYBBP1A antibody (67996-1-Ig, Clone: 1H2D10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67996-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using MYBBP1A antibody (67996-1-Ig, Clone: 1H2D10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67996-1-PBS in a different storage buffer formulation.