

For Research Use Only

CBX2 Monoclonal antibody, PBS Only

Catalog Number: 68244-1-PBS



Basic Information

Catalog Number:

68244-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8311

GenBank Accession Number:

BC004252

GeneID (NCBI):

84733

UNIPROT ID:

Q14781

Full Name:

chromobox homolog 2 (Pc class homolog, Drosophila)

Calculated MW:

56 kDa

Observed MW:

65-70 kDa

Purification Method:

Protein G purification

CloneNo.:

1D3H3

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human

Background Information

The chromobox homolog protein 2 (CBX2) is a critical component of the PRC1 complex involved in antiviral innate immunity, neuronal, and gonadal differentiation, axial patterning during embryonic development, cell proliferation, and senescence (PMID: 32870972). CBX2 has 2 isoforms with the molecular mass of 23 and 56 kDa. Sometimes higher molecular weight around 65-70 kDa can also be observed, which may be a modified variant of CBX2.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

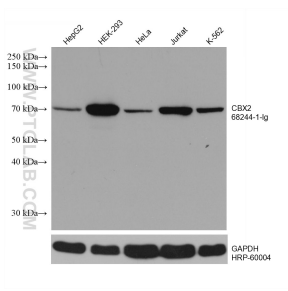
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68244-1-Ig (CBX2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68244-1-PBS in a different storage buffer formulation.