HMG20B Monoclonal antibody, PBS Only

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Catalog Number:67354-1-PBS

Basic Information

Catalog Number:
67354-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG6103

GenBank Accession Number:
BC002552

GeneID (NCBI):
10362

UNIPROT ID:
Q9P0W2

Full Name:
high-mobility group 20B

Calculated MW:
36 kDa

Observed MW:
40 kDa

Purification Method:
Protein G purification

CloneNo.:
4C2A9

Applications

Tested Applications:
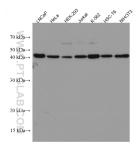WB,Indirect ELISA,IHC

Species Specificity:
Human, mouse, rat

Background Information

CoREST (corepressor of repressor element-1-silencing transcription factor) is a chromatin- modifying complex that was first identified as a regulator of neuronal gene expression, having a essential role in neuronal differentiation [PMID:10449787]. The CoREST complex is recruited by REST (RE1-silencing transcription factor) that recognizes the 21-nucleotide RE-1 sequence in the promoter of more than 1,700 different target genes in human and mouse [PMID:15240883]. HMGB20B is one component of the CoREST complex, which mediates chromatin remodeling and repression of specific genes involved in neuronal differentiation through modulation of chromatin structure [PMID:19997604].
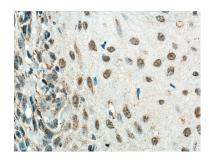
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 67354-1-Ig (HMG20B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67354-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 67354-1-Ig (HMG20B antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67354-1-PBS in a different storage buffer formulation.