

For Research Use Only

# DMAP1 Monoclonal antibody

Catalog Number:67183-1-Ig



## Basic Information

<b>Catalog Number:</b> 67183-1-Ig	<b>GenBank Accession Number:</b> BC002855	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 2100 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55929	<b>CloneNo.:</b> 1A4E8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9NPF5	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:400-1:1600
<b>Isotype:</b> IgG1	<b>Full Name:</b> DNA methyltransferase 1 associated protein 1	
<b>Immunogen Catalog Number:</b> AG28906	<b>Calculated MW:</b> 53 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, Mouse, Rat	<b>WB :</b> HeLa cells, HEK-293 cells, HepG2 cells, jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells
	<b>IF/ICC :</b> HEK-293 cells,

## Background Information

DMAP1 (DNA methyltransferase 1-associated protein 1) a component of the NuA4 histone acetyltransferase complex, was originally identified as an interacting molecule with DNA methyltransferase 1 (DNMT1) which co-localizes with PCNA at DNA replication foci. DMAP1 is required for DNA repair and acts against genomic instability. DMAP1 is widely implicated in transcription repression and activation via its interaction with multiple targets including histone deacetylase2 (HDAC2).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

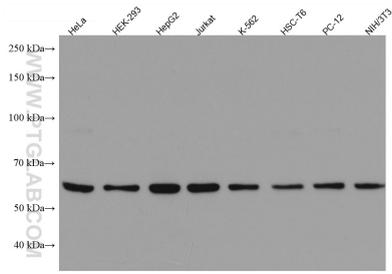
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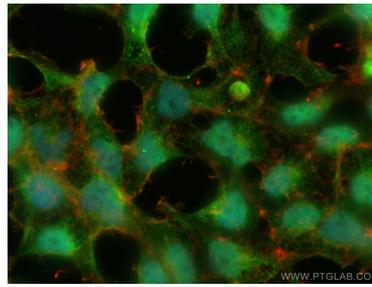
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67183-1-Ig (DMAP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using DMAP1 antibody (67183-1-Ig, Clone: 1A4E8 ) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).