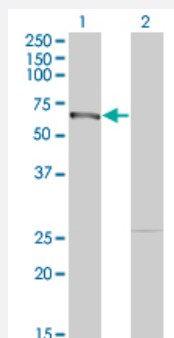


DMAP1 monoclonal antibody (M03), clone 5H4

Catalog # H00055929-M03

Size 100 ug

Applications

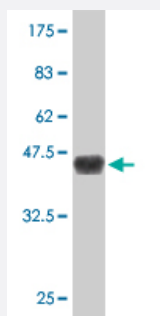


Western Blot (Transfected lysate)

Western Blot analysis of DMAP1 expression in transfected 293T cell line by DMAP1 monoclonal antibody (M03), clone 5H4.

Lane 1: DMAP1 transfected lysate(53 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DMAP1.
Immunogen	DMAP1 (NP_061973, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MATGADV RDILELGGPEGDAASGTISKKDIIINPDKKKSKKSSETLTFKRPEGMHREVVYALLYSDKKDAPPLLPSDTGQGYRTVKAKLGSKKVRPWKWMPF
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (97); Rat (98)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of DMAP1 expression in transfected 293T cell line by DMAP1 monoclonal antibody (M03), clone 5H4.

Lane 1: DMAP1 transfected lysate(53 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — DMAP1

Entrez GeneID	55929
GeneBank Accession#	NM_019100
Protein Accession#	NP_061973
Gene Name	DMAP1
Gene Alias	DKFZp686L09142, DNMAP1, DNMTAP1, EAF2, FLJ11543, KIAA1425, SWC4
Gene Description	DNA methyltransferase 1 associated protein 1
Omim ID	605077
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a subunit of several, distinct complexes involved in the repression or activation of transcription. The encoded protein can independently repress transcription and is targeted to replication foci throughout S phase by interacting directly with the N-terminus of DNA methyltransferase 1. During late S phase, histone deacetylase 2 is added to this complex, providing a means to deacetylate histones in transcriptionally inactive heterochromatin following replication. The encoded protein is also a component of the nucleosome acetyltransferase of H4 complex and interacts with the transcriptional corepressor tumor susceptibility gene 101 and the pro-apoptotic death-associated protein 6, among others. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]

Other Designations

DNMT1 associated protein 1|OTTHUMP00000008845|OTTHUMP00000008846|OTTHUMP00000008847