Datasheet

DMAP1 monoclonal antibody (M01), clone 2G12

Catalog Number: H00055929-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant DMAP1.

Clone Name: 2G12

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:
MATGADVRDILELGGPEGDAASGTISKKDIINPDKKS
KKSETLTFRPGMHEVALLYSDKKDAPPPLPSDT
GQGYRTVKAKLGKKVRPWKWMPF

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 55929

Gene Symbol: DMAP1

Gene Alias: DKFZp686L09142, DNMAP1, DNMTAP1, EAF2, FLJ11543, KIAA1425, SWC4

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]

References: