



## Anti-DNMT2 Antibody (Clone ABM1H70)

**Alternative Names:** DNA (cytosine-5-)-methyltransferase 2 (DNMT2), tRNA aspartic acid methyltransferase 1 variant 3, tRNA-aspartic acid methyltransferase 1, TRDMT1, tRNA (cytosine(38)-C(5))-methyltransferase

**Catalogue Number:** AA17-10030-50ug

**Size:** 50 µg

### Background Information

DNA methyltransferase 2 (DNMT2) is highly conserved cytosine-C5 methyltransferase that contains all 10 sequence motifs that are conserved among m5C MTases, including the consensus S-adenosyl-L-methionine-binding motifs and the active site ProCys dipeptide. It is a relatively small protein of 391 amino acids and lacks the large N-terminal domains present in the DNMT1 and DNMT3. DNMT2 is ubiquitously expressed with multiple mRNA species in most human and mouse adult tissues. It is variably expressed in human cancer cell lines.

### Product Information

<b>Antibody Type:</b>	Monoclonal	<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1 kappa	<b>Species Reactivity:</b>	Mouse, Human
<b>Immunogen:</b>	Partial length recombinant human DNMTc2		
<b>Format:</b>	50 µg in 100 µl PBS containing 0.05% BSA and 0.05% sodium azide.		
<b>Storage Conditions:</b>	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
<b>Applications:</b>	FACS   WB		
	WB: 4-6 ug/ml, FACS: 0.5-1 ug/10 <sup>6</sup>		

### Additional Information

<b>Subcellular location:</b>	Cytoplasm	<b>MW:</b>	45kDa (Intended as a general guide and does not allow for all isoforms and species variations)
<b>Gene ID</b>	1787	<b>Uniprot ID:</b>	O14717