

## Product datasheet for **CF501036**

### MCL1 Mouse Monoclonal Antibody [Clone ID: OTI10F6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI10F6
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:200 - 1:1000, IHC 1:50, IF 1:100, Flow 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MCL1 (NP_068779) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37.3 kDa
Gene Name:	MCL1 apoptosis regulator, BCL2 family member
Database Link:	<a href="#">NP_068779</a> <a href="#">Entrez Gene 4170 Human</a> <a href="#">Q07820</a>



[View online »](#)

<b>Background:</b>	The protein encoded by this gene belongs to the Bcl-2 family. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. The longer gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene product (isoform 2) promotes apoptosis and is death-inducing.
<b>Synonyms:</b>	bcl2-L-3; BCL2L3; EAT; Mcl-1; MCL1-ES; mcl1/EAT; MCL1L; MCL1S; TM
<b>Protein Families:</b>	Druggable Genome, Transmembrane