

## Mouse Monoclonal Antibody to CEBPA

<b>Catalogue Number</b>	sAP-0697
<b>Target Molecule</b>	<b>Name:</b> CEBPA <b>Aliases:</b> CEBP; C/EBP-alpha <b>MW:</b> 37.5kDa <b>Entrez Gene ID: 1050</b>
<b>Description</b>	The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a homodimer to certain promoters and enhancers. It can also form heterodimers with the related proteins CEBP-beta and CEBP-gamma. The encoded protein has been shown to bind to the promoter and modulate the expression of the gene encoding leptin, a protein that plays an important role in body weight homeostasis. Also, the encoded protein can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells.
<b>Immunogen</b>	Purified recombinant fragment of human CEBPA expressed in E. Coli. ;
<b>Reactive Species</b>	Human
<b>Clone</b>	MM4E10;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	Haematologica. 2009 Aug;94(8):1075-84. ; Br J Cancer. 2009 Aug 18;101(4):738-40. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**