

Mouse Monoclonal Antibody to CEBPB

Catalogue Number	sAP-0608
Target Molecule	<p>Name: CEBPB</p> <p>Aliases: LAP; CRP2; TCF5; IL6DBP; NF-IL6; MGC32080; C/EBP-beta</p> <p>MW: 36kDa</p> <p>Entrez Gene ID: 1051</p>
Description	<p>The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related proteins CEBP-alpha, CEBP-delta, and CEBP-gamma. The encoded protein is important in the regulation of genes involved in immune and inflammatory responses and has been shown to bind to the IL-1 response element in the IL-6 gene, as well as to regulatory regions of several acute-phase and cytokine genes. In addition, the encoded protein can bind the promoter and upstream element and stimulate the expression of the collagen type I gene. Tissue specificity: Expressed at low levels in the lung, kidney and spleen.</p>
Immunogen	Purified recombinant fragment of human CEBPB expressed in E. Coli.
Reactive Species	Human
Clone	MM3H9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Biochem J. 2009 Dec 14;425(1):215-23. ; 2. Cell Signal. 2009 Dec;21(12):1918-24. ;

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**