

## CEBPB Ab

[Images\(1\)](#)

Cat.#: BF0339                      Concn.: ~1mg/ml                      Mol.Wt.: 36kDa  
Size:                                      Source: Mouse                      Clonality: Monoclonal

Application:                      ELISA 1:10000, WB 1:500-1:2000, FCM 1:200-1:400  
\*The optimal dilutions should be determined by the end user.

Reactivity:                      Human

Storage:                      Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:                      Affinity-chromatography.

Immunogen:                      Purified recombinant fragment of human CEBPB expressed in E. Coli.

Uniprot:                      P17676

Description:                      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.

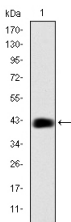


Figure 1: Western blot analysis using CEBPB mAb against human CEBPB (AA: 161-338) recombinant protein. (Expected MW is 44.5 kDa)

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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