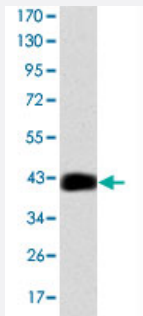


# CEBPB monoclonal antibody, clone 3H9

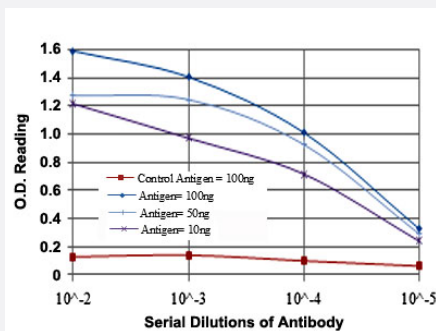
Catalog # MAB10552      Size 100 uL

## Applications



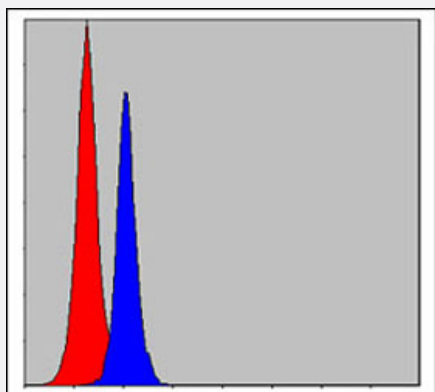
### Western Blot (Recombinant protein)

Western blot analysis using CEBPB monoclonal antibody, clone 3H9 (Cat # MAB10552) against human CEBPB (aa : 161-338) recombinant protein. (Expected MW is 44.5 kDa)



### Enzyme-linked Immunoabsorbent Assay

ELISA detection with CEBPB monoclonal antibody, clone 3H9 (Cat # MAB10552).



### Flow Cytometry

Flow cytometric analysis of MCF-7 cells using CEBPB monoclonal antibody, clone 3H9 (Cat # MAB10552) (blue) and negative control (red).

## Specification

### Product Description

Mouse monoclonal antibody raised against partial recombinant CEBPB.

<b>Immunogen</b>	Recombinant protein corresponding to human CEBPB.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	36
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1
<b>Recommend Usage</b>	ELISA (1:10000) Western Blot (1:500-1:2000) Flow cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In ascites (0.03% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Recombinant protein)

Western blot analysis using CEBPB monoclonal antibody, clone 3H9 (Cat # MAB10552) against human CEBPB (aa : 161-338) recombinant protein. (Expected MW is 44.5 kDa)

- Enzyme-linked Immunoabsorbent Assay

ELISA detection with CEBPB monoclonal antibody, clone 3H9 (Cat # MAB10552).

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## Gene Info — CEBPB

<b>Entrez GeneID</b>	<a href="#">1051</a>
<b>Gene Name</b>	CEBPB
<b>Gene Alias</b>	C/EBP-beta, CRP2, IL6DBP, LAP, MGC32080, NF-IL6, TCF5

Gene Description	CCAAT/enhancer binding protein (C/EBP), beta
Omim ID	<a href="#">189965</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<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. [provided by RefSeq]</p>
Other Designations	CCAAT/enhancer binding protein beta interleukin 6-dependent DNA-binding protein liver-enriched transcriptional activator protein nuclear factor of interleukin 6 transcription factor 5

## Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)