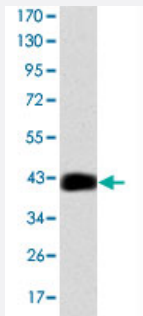


CEBPB monoclonal antibody, clone 3H9

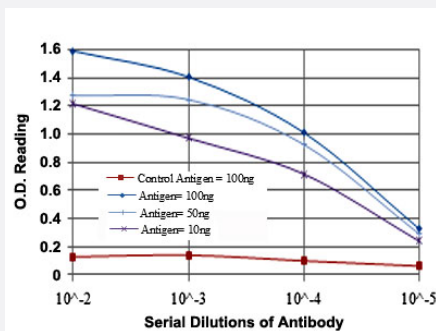
Catalog # MAB10552 Size 100 uL

Applications



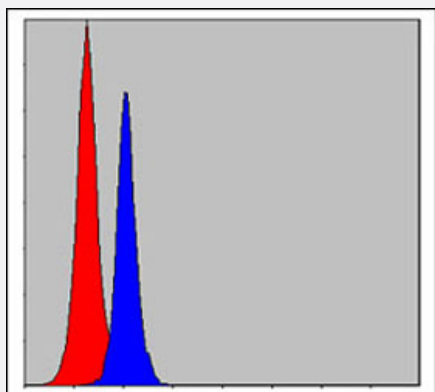
Western Blot (Recombinant protein)

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.

Immunogen	Recombinant protein corresponding to human CEBPB.
Host	Mouse
Theoretical MW (kDa)	36
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	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.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	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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Flow cytometric analysis of MCF-7 cells using CEBPB monoclonal antibody, clone 3H9 (Cat # MAB10552) (blue) and negative control (red).

Gene Info — CEBPB

Entrez GeneID	1051
Gene Name	CEBPB
Gene Alias	C/EBP-beta, CRP2, IL6DBP, LAP, MGC32080, NF-IL6, TCF5

Gene Description	CCAAT/enhancer binding protein (C/EBP), beta
Omim ID	189965
Gene Ontology	Hyperlink
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](#)