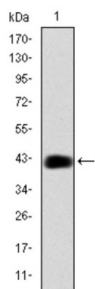
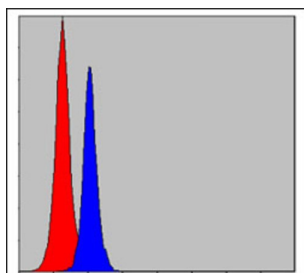


## CCAAT/Enhancer Binding Protein Beta (CEBPB) Antibody

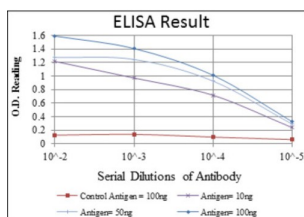
Catalogue No.: abx011895



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



Flow cytometric analysis of MCF-7 cells using CEBPB antibody (blue) and negative control (red).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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.

**Target:** CCAAT/Enhancer Binding Protein Beta (CEBPB)

**Clonality:** Monoclonal

**Reactivity:** Human

**Tested Applications:** ELISA, FCM

**Host:** Mouse

# Datasheet

Version: 3.0.0  
Revision date: 04 Jun 2025



**Recommended dilutions:** ELISA: 1/10000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

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

**Isotype:** IgG<sub>1</sub>

**Form:** Liquid

**Purification:** Unpurified ascites.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P17676 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** CEBPB

**GeneID:** [1051](#)

**OMIM:** [189965](#)

**HGNC:** 1834

**KEGG:** hsa:1051

**Ensembl:** ENSG00000172216

**String:** [9606.ENSP00000305422](#)

**Molecular Weight:** 36 kDa

**Buffer:** Ascitic fluid containing 0.03% sodium azide.

**Concentration:** Not determined.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.