

CEBPB Monoclonal Antibody

Description

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|--------------------------------|--|
| Product type | Antibody |
| Code | BT-MCA2924 |
| Host | Mouse |
| Isotype | Mouse IgG1 |
| Size | 100µL, 50µL |
| Immunogen | Purified recombinant fragment of human CEBPB expressed in E. Coli. |
| Mol wt | 36kDa |
| Species reactivity | Human |
| Clonality | Monoclonal |
| Recommended application | FCM |
| Concentration | N/A |
| Full name | N/A |
| Synonyms | LAP;CRP2;TCF5;IL6DBP;NF-IL6;MGC32080;C/EBP-beta |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

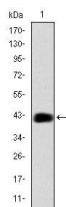
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

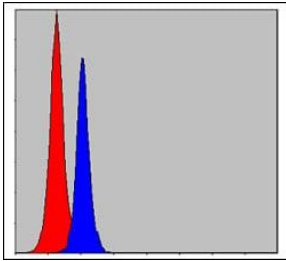
ELISA: 1:10000

Not yet tested in other applications.

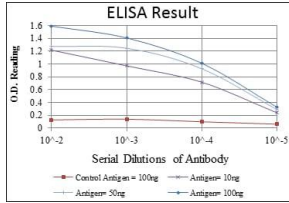
Images



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



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



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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