

CEBPA monoclonal antibody

Catalog: MB21604

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a homodimer to certain promoters and enhancers. It can also form heterodimers with the related proteins CEBP-beta and CEBP-gamma. The encoded protein has been shown to bind to the promoter and modulate the expression of the gene encoding leptin, a protein that plays an important role in body weight homeostasis. Also, the encoded protein can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

42kDa

Swiss-Prot:

P49715

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

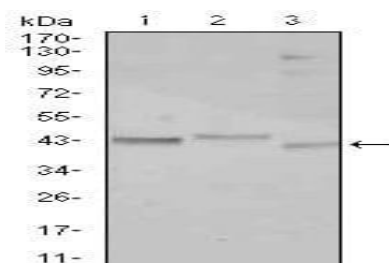
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

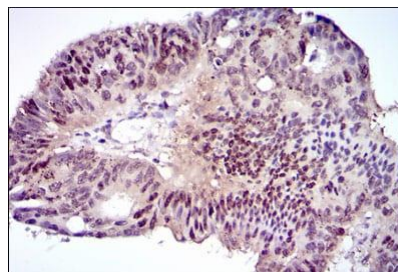
Isotype:

Mouse IgG1

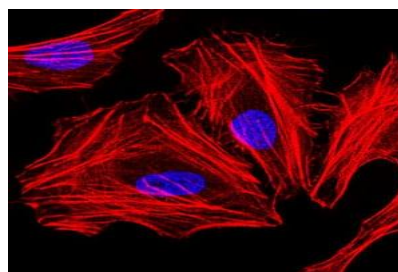
DATA:



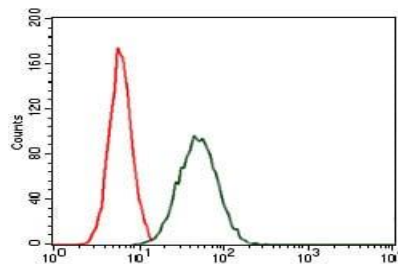
Western blot analysis using CEBPA mouse mAb against Jurkat (1), k562 (2), and HepG2 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human rectum tissues using CEBPA mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of MCF-7 cells using CEBPA mouse mAb

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

(green) and negative control (red).

For research use only, not for use in diagnostic procedure.

Note:

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