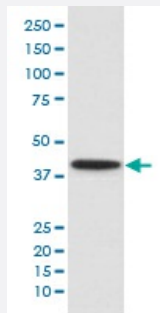


CEBPA monoclonal antibody, clone FIE-3

Catalog # MAB19887 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of U937 cell lysate with CEBPA monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CEBPA.
Immunogen	A synthetic peptide corresponding to human CEBPA.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunoprecipitation (1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

Western blot analysis of U937 cell lysate with CEBPA monoclonal antibody.

- Immunoprecipitation
- Flow Cytometry

Gene Info — CEBPA

Entrez GeneID [1050](#)

Protein Accession# [P49715](#)

Gene Name CEBPA

Gene Alias C/EBP-alpha, CEBP

Gene Description CCAAT/enhancer binding protein (C/EBP), alpha

Omim ID [116897 601626](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations CCAAT/enhancer binding protein alpha

Pathway

- [Acute myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Chromosome Aberrations](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Neoplasms](#)
- [Hyperlipidemias](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Multiple Myeloma](#)
- [Myelodysplastic Syndromes](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Peripheral Vascular Diseases](#)
- [Recurrence](#)