

CEBP alpha Rabbit mAb

Catalog No: #49157

Package Size: #49157-1 50ul #49157-2 100ul

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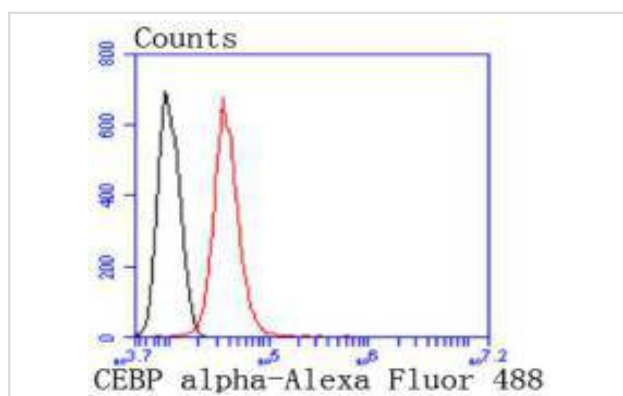
Description

Product Name	CEBP alpha Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SD202-09
Purification	ProA affinity purified
Applications	WB, IP, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	Apoptotic cysteine protease antibody Apoptotic protease Mch 5 antibody C/EBP alpha antibody C/ebpalpha antibody CAP4 antibody Caspase 8 precursor antibody CBF-A antibody CCAAT Enhancer Binding Protein alpha antibody CCAAT/enhancer binding protein (C/EBP), alpha antibody CCAAT/enhancer-binding protein alpha antibody CEBP antibody CEBP A antibody CEBP alpha antibody Cebpa antibody CEBPA_HUMAN antibody FADD homologous ICE/CED 3 like protease antibody FADD like ICE antibody FLICE antibody ICE like apoptotic protease 5 antibody ICE8 antibody MACH antibody MCH5 antibody MORT1 associated CED 3 homolog antibody
Accession No.	Swiss-Prot#:P49715
Uniprot	P49715
GeneID	1050;
Calculated MW	43 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000FC: 1:50-1:100

Images



Flow cytometric analysis of Hela cells with CEBP alpha antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

The transcription factor C/EBP α (CCAAT-enhancer binding protein) is a heat-stable, sequence-specific DNA-binding protein that binds avidly to several different cis-regulatory DNA sequences commonly associated with viral and cellular genes transcribed by RNA polymerase II. C/EBP α regulates gene expression in a variety of tissues including liver, adipose, lung and intestine. C/EBP α is a basic region/leucine zipper transcription factor selectively expressed during the differentiation of liver, adipose tissue, blood cells and the endocrine pancreas. C/EBP α uses a bipartite structural motif to bind DNA and appears to function exclusively in terminally differentiated, growth-arrested cells. In the liver, C/EBP α is a transactivator of several genes, which are regulated by growth hormone. Growth hormone enhances not only the levels of C/EBP α mRNA and protein, but also the DNA binding activity of C/EBP α . C/EBP α functions as an important transcription factor that regulates different genes, including prolactin gene expression.

References

Note: This product is for in vitro research use only