

Mouse anti-Human, Mouse C/EBP-Beta Monoclonal Antibody | anti-C/EBP-Beta antibody

C/EBP-Beta antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47986	Mouse	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

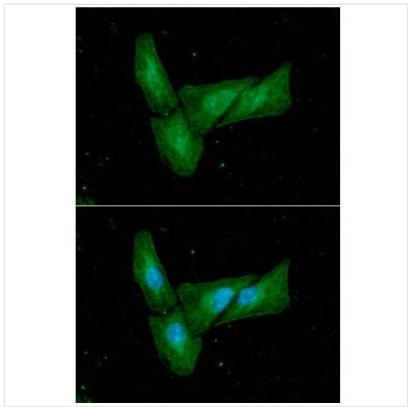
PRODUCT SYNONYMS

C/EBP-Beta; Monoclonal Antibody; C/EBP-Beta antibody; CEBPB (CCAAT/enhancer binding protein; beta); LAP; CRP2; TCF5; IL6DBP; NF-IL6; MGC32080; C/EBP-beta; CCAAT/enhancer binding protein (C/EBP) beta; NFIL6; liver-enriched transcriptional activator protein; nuclear factor of interleukin 6; interleukin 6-dependent DNA-binding protein;; anti-C/EBP-Beta antibody

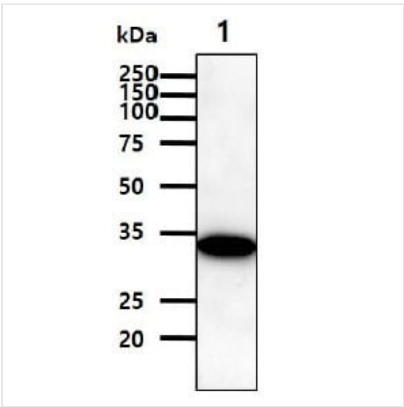
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1 heavy chain and Kappa light chain
Clone Number	47A1
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	345
Applicable Applications for anti-C/EBP-Beta antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human C/EBP-beta (1-271 aa) purified from E. coli
Clone Note	Anti-human C/EBP beta mAb, clone 47A1, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human C/EBP beta protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)
ICC/IF analysis of C/EBP-beta in HaLa cells. The cell was stained with ABP0609 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



WB (Western Blot)
The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human C/EBP-beta antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: 293T cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-C/EBP-Beta antibody	CCAAT/enhancer-binding proteins (C/EBPs) are a family of basic leucine zipper (bZIP) DNA binding proteins that play important roles in normal cellular differentiation and function in a variety of tissues. The C/EBP family is critical for innate immunity and inflammatory response, and consists of five core members: C/EBPalpha, C/EBPbeta, C/EBPdelta, C/EBPepsilon, and C/EBPgamma. Among these proteins, C/EBPbeta is usually highly expressed in liver, intestine, lung and adipose. C/EBPbeta has three isoforms, two activator, (LAP* and LAP) and a repressor (LIP). These isoforms are differentially translated from the same mRNA. The expression of these isoforms is developmentally and hormonally regulated.
Product Categories/Family for anti-C/EBP-Beta antibody	Signal Transduction
References	Lekstrom-Himes J. et al. (1998) J Biol. Chem. 273, 28545-28548; Parkin SE. et al. (2002) J Biol. Chem.; 277, 23563-23572; Su WC. et al. (2003) J Biol. Chem. 278, 51150-51158

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872796
NCBI GeneID	1051
NCBI Accession #	NP_005185
NCBI GenBank Nucleotide #	NM_005194.3
UniProt Accession #	P17676; Q96IH2; Q9H4Z5; A8K671
Molecular Weight	15,938 Da
NCBI Official Full Name	CCAAT/enhancer-binding protein beta isoform a
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein beta
NCBI Official Symbol	CEBPB
NCBI Official Synonym Symbols	TCF5; IL6DBP; NF-IL6; C/EBP-beta
NCBI Protein Information	CCAAT/enhancer-binding protein beta
UniProt Protein Name	CCAAT/enhancer-binding protein beta
UniProt Gene Name	CEBPB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/c-ebp-beta-antibody-clone-47a1-immunofluorescence-immunocytochemistry-western-blot-elisa/47986>