C/EBP ε (phospho Thr74) Monoclonal Antibody

Catalog No	BYmab-01393
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CEBPE
Protein Name	CCAAT/enhancer-binding protein epsilon
Immunogen	The antiserum was produced against synthesized peptide derived from human C/EBP-epsilon around the phosphorylation site of Thr74. AA range:40-89
Specificity	Phospho-C/EBP ε (T74) Monoclonal Antibody detects endogenous levels of C/EBP ε protein only when phosphorylated at T74.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CEBPE; CCAAT/enhancer-binding protein epsilon; C/EBP epsilon
Observed Band	34kD
Cell Pathway	Nucleus .
Tissue Specificity	Strongest expression occurs in promyelocyte and late-myeloblast-like cell lines.
Function	function:C/EBP are DNA-binding proteins that recognize two different motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers.,online information:CEBPE mutation db,PTM:Phosphorylated.,similarity:Belongs to the bZIP family. C/EBP subfamily.,similarity:Contains 1 bZIP domain.,subunit:Binds DNA as a dimer and can form stable heterodimers with C/EBP delta.,tissue specificity:Strongest expression occurs in promyelocyte and late-myeloblast-like cell lines.,
Background	The protein encoded by this 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 protein CEBP-delta. The encoded protein may be essential for

	terminal differentiation and functional maturation of committed granulocyte progenitor cells. Mutations in this gene have been associated with Specific Granule Deficiency, a rare congenital disorder. Multiple variants of this gene have been described, but the full-length nature of only one has been determined. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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