

# C/EBP alpha Monoclonal Antibody (15C8)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Non-human primate, Mouse, Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	15C8
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues M(1) E S A D F Y E V E P R P P(14) of mouse C/EBP alpha.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2077903

Applications	Tested Dilution	Publications
Western Blot (WB)	2 µg/mL	5 Publications
Immunocytochemistry (ICC/IF)	-	1 Publication
Immunoprecipitation (IP)	Assay-dependent	2 Publications
ChIP assay (ChIP)	-	2 Publications

## Product Specific Information

MA1-825 detects C/EBP alpha protein in human, mouse and rat samples.

MA1-825 has successfully been used in Western blot and immunoprecipitation procedures. By Western blot, this antibody detects a 45 kDa protein representing C/EBP alpha in transfected hu293T cells. MA1-825 is specific to the amino terminal region of C/EBP alpha.

The MA1-825 immunogen is a synthetic peptide corresponding to residues M(1) E S A D F Y E V E P R P P(14) of mouse C /EBP alpha. This peptide (Cat. # PEP-242) is available for use in neutralization and control experiments.

Fig. 1

**C/EBP alpha Antibody (MA1-825) in WB**  
Western blot detection of C/EBP alpha on transfected 293T cells using Product # MA1-825.

C/EBP alpha



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Western Blot (5)

Scientific reports	Year 2021
Antibesesity and antidiabetic effects of the dairy bacterium <i>Propionibacterium freudenreichii</i> MJ2 in high-fat diet-induced obese mice by modulating lipid metabolism.	Species Mouse
"Published figure using C/EBP alpha monoclonal antibody (Product # MA1-825) in Western Blot"	Dilution 1:500
Authors: An M,Park YH,Lim YH	
Adipocyte	Year 2020
The histone methyltransferase Suv39h regulates 3T3-L1 adipogenesis.	Species Mouse
"Published figure using C/EBP alpha monoclonal antibody (Product # MA1-825) in Western Blot"	
Authors: Jing J,Li F,Zha L,Yang X,Wu R,Wang S,Xue B,Shi H	

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Immunocytochemistry (1)

The EMBO journal	Year 2010
Nucleolar retention of a translational C/EBPalpha isoform stimulates rDNA transcription and cell size.	Species Human Non-human primate
"MA1-825 was used in immunocytochemistry to investigate the role of C/EBP-alpha on the regulation of rRNA synthesis and cell growth and proliferation"	
Authors: Müller C,Bremer A,Schreiber S,Eichwald S,Calkhoven CF	

Immunoprecipitation (2)

The EMBO journal	Year 2010
Nucleolar retention of a translational C/EBPalpha isoform stimulates rDNA transcription and cell size.	Species Human Non-human primate
"MA1-825 was used in immunocytochemistry to investigate the role of C/EBP-alpha on the regulation of rRNA synthesis and cell growth and proliferation"	
Authors: Müller C,Bremer A,Schreiber S,Eichwald S,Calkhoven CF	

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ChIP (2)

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