

# CBP Monoclonal Antibody (NM11)

Product Details	
Size	500 µL
Species Reactivity	Human, Mink, Mouse, Non-human primate, Rat
Published Species	Human
Host/Isotype	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Antibody
Clone	NM11
Conjugate	Unconjugated
Immunogen	E1A affinity purified p300 protein
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10987120

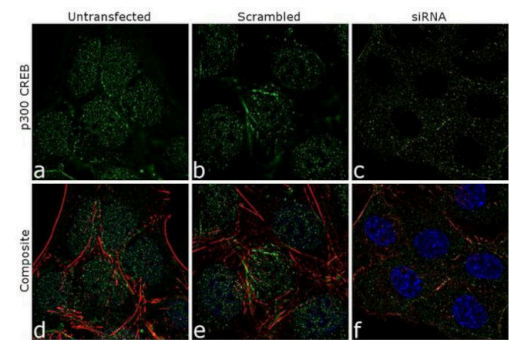
Applications	Tested Dilution	Publications
Western Blot (WB)	-	3 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:25-1:50	-
Immunocytochemistry (ICC/IF)	2 µg/mL	2 Publications
Immunoprecipitation (IP)	-	1 Publication
ChIP assay (ChIP)	2.5 µg/10^6 cells	2 Publications

## Product Specific Information

MA5-13634 targets p300/CBP (CREB-Binding Protein) in ICC/IF and IHC (P) applications and shows reactivity with Human, Mink, mouse, Non-human primate, and Rat samples.

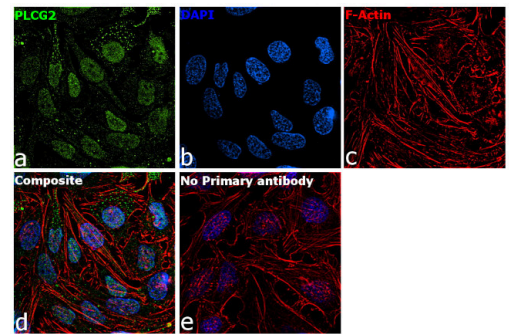
The MA5-13634 immunogen is e1A affinity purified p300 protein.

Product Images For CBP Monoclonal Antibody (NM11)



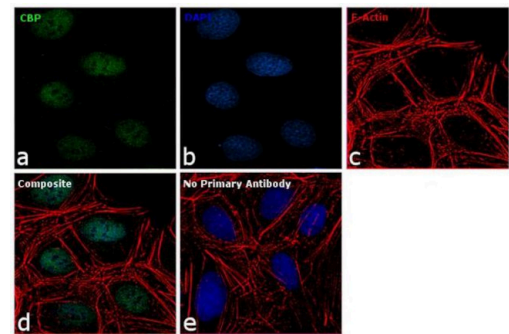
**CBP Antibody (MA5-13634)**

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. U-2 OS cells were transfected with CBP siRNA and loss of specific signal was observed in immunofluorescence application using CBP Mouse Monoclonal antibody (Product # MA5-13634). {KD}



**CBP Antibody (MA5-13634) in ICC/IF**

Immunofluorescence analysis of CBP was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with CBP Monoclonal Antibody (NM11) (Product # MA5-13634) at 2 µg/mL in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32766), (1:2,000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Green) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



**CBP Antibody (MA5-13634) in ICC/IF**

Immunofluorescence analysis of CBP was performed using 70% confluent log phase U-2 OS cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with CBP (NM11) Mouse Monoclonal Antibody (Product # MA5-13634) at 2 µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (3)

<p>Nature communications</p> <p><b>CREB1-driven CXCR4<sup>hi</sup> neutrophils promote skin inflammation in mouse models and human patients.</b></p> <p>"Published figure using CBP monoclonal antibody (Product # MA5-13634) in Western Blot"</p> <p>Authors: Chen J,Bai Y,Xue K,Li Z,Zhu Z,Li Q,Yu C,Li B,Shen S,Qiao P,Li C,Luo Y,Qiao H,Dang E,Yin W,Gudjonsson JE,Wang G,Shao S</p>	<p>Year 2023</p>
<p>PLoS pathogens</p> <p><b>USP12 translocation maintains interferon antiviral efficacy by inhibiting CBP acetyltransferase activity.</b></p> <p>"Published figure using CBP monoclonal antibody (Product # MA5-13634) in Immunoprecipitation"</p> <p>Authors: Liu J,Jin L,Chen X,Yuan Y,Zuo Y,Miao Y,Feng Q,Zhang H,Huang F,Guo T,Zhang L,Zhu L,Qian F,Zhu C,Zheng H</p>	<p>Year 2020</p>

[View more WB references on thermofisher.com](#)

Immunohistochemistry (1)

<p>Breast cancer research and treatment</p> <p><b>Expression of sex steroid receptors and their co-factors in normal and malignant breast tissue: AIB1 is a carcinoma-specific co-activator.</b></p> <p>"MA5-13634 was used in immunohistochemistry to study the expression of estrogen receptors and their transcriptional co-factors in normal and malignant breast tissue"</p> <p>Authors: Hudelist G,Czerwenka K,Kubista E,Marton E,Pischinger K,Singer CF</p>	<p>Year 2003</p> <p>Species Human</p> <p>Dilution 1:50</p>
--	--

Immunocytochemistry (2)

<p>PLoS pathogens</p> <p><b>USP12 translocation maintains interferon antiviral efficacy by inhibiting CBP acetyltransferase activity.</b></p> <p>"Published figure using CBP monoclonal antibody (Product # MA5-13634) in Immunoprecipitation"</p> <p>Authors: Liu J,Jin L,Chen X,Yuan Y,Zuo Y,Miao Y,Feng Q,Zhang H,Huang F,Guo T,Zhang L,Zhu L,Qian F,Zhu C,Zheng H</p>	<p>Year 2020</p>
---	----------------------

More applications with references on thermofisher.com

- IP (1)
- ChIP (2)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.