

# p300 Monoclonal Antibody (RW105)

Product Details	
Size	200 µL
Species Reactivity	Human, Mustelid, Mouse, Non-human primate, Rat
Published Species	Human
Host/Isotope	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	RW105
Conjugate	Unconjugated
Immunogen	Fusion protein containing residues 1921-2023 of human p300.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_568668

Applications	Tested	Dilution	Published
ChIP assay (ChIP)	✓	Assay-Dependent	1 Publication
Western Blot (WB)	✓	1:250-1:500	1 Publication
Immunocytochemistry (ICC)	✓	1:50-1:200	
Immunofluorescence (IF)	✓	1:50-1:200	
Immunomicroscopy (IM)	✓	Assay-Dependent	
Immunoprecipitation (IP)	✓	1:10-1:500	

## Product Specific Information

Suggested positive control: HeLa nuclear extract.

Product Images For p300 Monoclonal Antibody (RW105)

**p300 Antibody (MA1-16622) in WB**  
p300 detected in a HeLa nuclear extract using 1 (1:250). ECL: 20 minute exposure.



## 2 References

### ChIP assay (1)

Molecular immunology

#### Tumor necrosis factor-alpha inhibitors suppress CCL2 chemokine in monocytes via epigenetic modification.

"MA1-16622 was used in ChIP assay to assess the effect of TNF-alpha inhibitors on monocyte chemoattractant protein-1"

Authors: Lin YC, Lin YC, Huang MY, Kuo PL, Wu CC, Lee MS, Hsieh CC, Kuo HF, Kuo CH, Tsai WC, Hung CH

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2017

### Western Blot (1)

The Journal of biological chemistry

#### Reactive oxygen species, AMP-activated protein kinase, and the transcription cofactor p300 regulate -tubulin acetyltransferase-1 (TAT-1/MEC-17)-dependent microtubule hyperacetylation during cell stress.

"MA1-16622 was used in western blot to study mechanisms of microtubule hyperacetylation"

Authors: Mackeh R, Lorin S, Ratier A, Mejdoubi-Charef N, Baillet A, Bruneel A, Hamai A, Codogno P, Poüs C, Perdiz D

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2014

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