

# HDAC3 antibody [GT9007]

**Cat. No. GTX60366**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	ICC/IF, ChIP assay
<b>Reactivity</b>	Human

**Package**  
50 µg

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	1:500
ChIP assay	1-5 µg

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	0.05% Sodium azide, 0.05% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	2 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Human HDAC3 (Histone deacetylase 3), using a KLH-conjugated synthetic peptide containing a sequence from the C-terminal region of the protein.
<b>Purification</b>	Protein A purified
<b>Conjugation</b>	Unconjugated

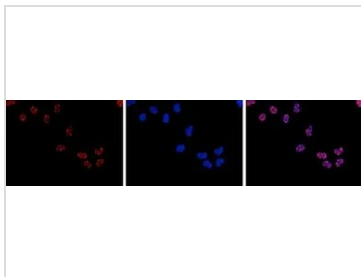
### Note

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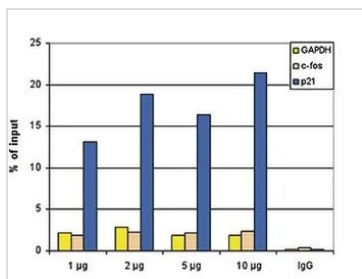
**DATA IMAGES**

**GTX60366 ICC/IF Image**

ICC/IF analysis of 4% paraformaldehyde fixed HeLa cells using GTX60366 HDAC3 antibody [GT9007].

Red : Primary antibody

Blue : DAPI

Dilution : 1:500


**GTX60366 ChIP assay Image**

ChIP analysis of sheared chromatin from  $10^4$  HeLa cells using GTX60366 HDAC3 antibody [GT9007]. A titration of the antibody consisting of 1, 2, 5, and 10 µg per ChIP experiment was analysed. IgG (5 µg/IP) was used as negative IP control. QPCR was performed with primers for the promoters of the active genes c-fos and GAPDH, and for the coding region of p21, a known target gene of HDAC3. Figure 4 shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



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