

## Acetyl Lysine antibody [1C6]

Cat. No. GTX80693

Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, FCM, IP, Dot, ChIP assay
Reactivity	Species independent

References ( 3 )

Package

100 µg

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500 - 1:2000
ICC/IF	1:100 - 1:500
FCM	Assay dependent
IP	3 µg
Dot	Assay dependent
ChIP assay	10 µg

Not tested in other applications.

## Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	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.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide sequence surrounding the acetylated lysine 9 of histone H3.
Purification	Protein G purified
Conjugation	Unconjugated

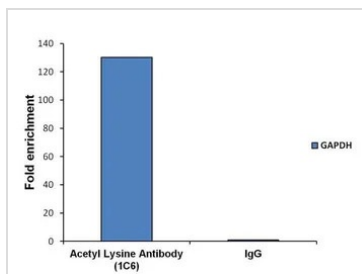


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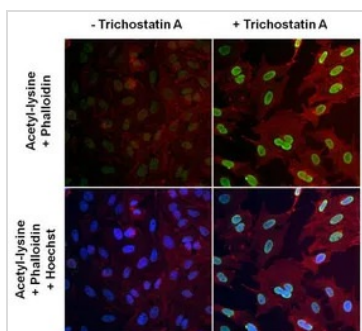
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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTX80693 ChIP assay Image**

ChIP analysis of  $4 \times 10^6$  LNCaP cells using GTX80693 Acetyl Lysine antibody [1C6]. Quantitation of immunoprecipitated GAPDH promoter sequence is presented as fold enrichment of the acetyl lysine monoclonal antibody versus non-specific IgG.


**GTX80693 ICC/IF Image**

ICC/IF analysis of HeLa cells untreated (left panels) or treated with 0.3uM Trichostatin A for 16 hours (right panels) using GTX80693 Acetyl Lysine antibody [1C6].

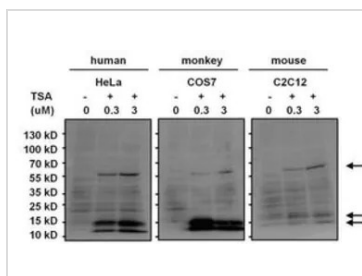
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 10 minutes


**GTX80693 WB Image**

WB analysis of untreated (DMSO only) or cells treated with 0.3uM or 3uM of Trichostatin A (TSA) for 16 hours using GTX80693 Acetyl Lysine antibody [1C6].

Dilution : 1:1000



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