



Polyclonal Antibody to Histone H3.1 (H3C1)

Catalog:CP00037HuA10 100 uL

Basic Info

Host

Rabbit

Conjugate

None

Size

100 uL

Concentration

1.1 mg/ml

Physical State

Liquid

Species Reactivity

human H3C1

Immunogen

Recombinant human H3C1 protein, fragment

Met1~Ala136; UniprotKB: P68431

Purification

Antigen Affinity Chromatography

Applications

WB/ICC

Property

Form & Buffer : Supplied in PBS, 50% glycerol, PH7.4.**Specificity / Sensitivity** : Anti-H3C1 Antibody, Rabbit Polyclonal recognizes endogenous levels of total H3C1 protein.

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB: 0.5~5ug/ml ICC:5~20ug/ml

Usage and

Storage

Shipped at 4°C.

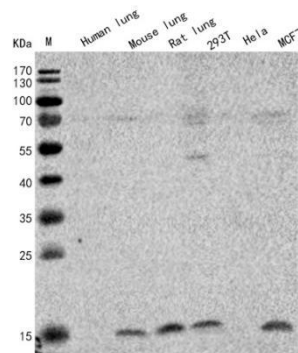
Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Avoid repeated freezing/thawing and violent shaking.

Please centrifuge it, before using.

QC Data

**Figure1. Use in WB**

Western blot analysis of extracts of various cell lines, using H3C1 antibody (CP00037HuA10) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 21s.



QC Data

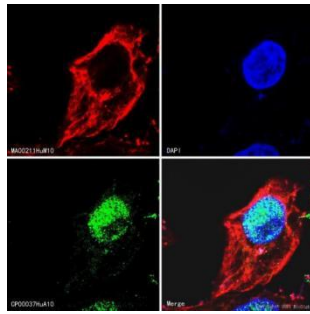


Figure 2. Use in ICC (Hela)

Immunocytochemistry analysis of HeLa (*Human cervical cancer cell*) cells labeling GAPDH with purified CP00037HuA10 at 1/50 dilution (8.7 $\mu\text{g}/\text{mL}$). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with CY3 conjugated Anti-mouse IgG(H+L) (GB21301) 1/200 (2.5 $\mu\text{g}/\text{mL}$). Goat anti- mouse IgG (Alexa Fluor® 488, GB25301) was used as the secondary antibody at 1/1000 (2 $\mu\text{g}/\text{mL}$) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.