

Anti-Phospho-Histone H3-T45 antibody (STJ11101034)
STJ11101034

GENERAL INFORMATION

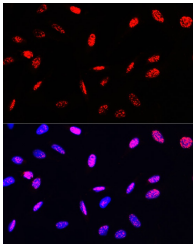
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat/Other

PRODUCT PROPERTIES

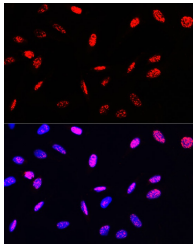
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

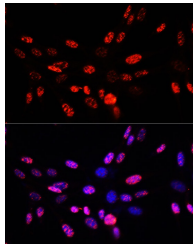
Gene ID	8350/8351/8352/8353/8354/8355/8356/8357/8358/8968 8290
Gene Symbol	H3C1.H3C2.H3C3.H3C4.H3C6.H3C7.H3C8.H3C10.H3C11.H3C12 H31_HUMAN H31T_HUMAN
Immunogen	PGTVA
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around T45 of human Histone H3 (NP_003520.1).
Immunogen Sequence	PGTVA



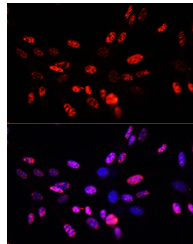
Western blot analysis of extracts of various cell lines, using Phospho-Histone H3-T45 antibody (STJ11101034) at 1:1000 dilution. HeLa cells, NIH/3T3 cells and G6 cells were treated by CIP (20uM/400uM) at 37 °C for 1 hour or treated by nocodazole (50 ng/mL) at 37 °C for 20 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 60s.



Immunofluorescence analysis of U-2 OS cells using Phospho-Histone H3-T45 Rabbit polyclonal antibody (STJ11101034) at dilution of 100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded human tonsil using Phospho-Histone H3-T45 antibody (STJ11101034) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of NIH-3T3 cells using Phospho-Histone H3-T45 Rabbit polyclonal antibody (STJ11101034) at dilution of 100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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