

Anti-Phospho-Histone H3-S10 antibody [ARC0003] (STJ11102549)

STJ11102549

GENERAL INFORMATION

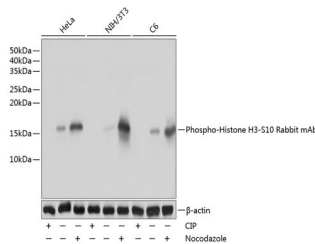
Product Type	Primary antibodies
Short Description	Rabbit monoclonal antibody anti-Phospho-Histone H3-S10 is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence.
Applications	WB, IHC, IF
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

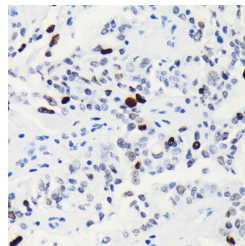
Clonality	Monoclonal
Clone ID	ARC0003
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200
Formulation	PBS containing 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at -20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

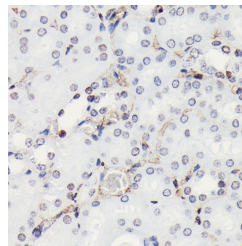
Gene ID	8350/8351/8352/8353/8354/8355/8356/8357/8358/8968
Gene Symbol	H3C1.H3C2.H3C3.H3C4.H3C6.H3C7.H3C8.H3C10.H3C11.H3C12
Uniprot ID	H31_HUMAN
Immunogen	A synthesized peptide derived from human Phospho-Histone H3 (S10).
Immunogen Region	
Specificity	
Immunogen Sequence	



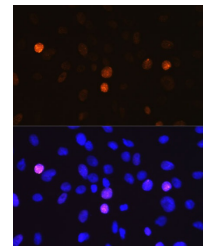
Western blot analysis of extracts of various cell lines, using Phospho-Histone H3-S10 rabbit monoclonal antibody (STJ11102549) at 1:1000 dilution. HeLa, NIH/3T3 and C6 cells were treated by nocodazole (50 ng/mL) at 37 °C for 20 hours or treated by CIP (20uL/400uL) at 37 °C for 1 hour. Secondary antibody: 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: 1s.



Immunohistochemistry of paraffin-embedded human oophoroma using Phospho-Histone H3-S10 antibody (STJ11102549) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 50 mM Tris/EDTA buffer pH 8.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded mouse kidney using Phospho-Histone H3-S10 antibody (STJ11102549) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 50 mM Tris/EDTA buffer pH 8.0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of C6 cells using Phospho-Histone H3-S10 antibody (STJ11102549). 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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