

Anti-Phospho-Histone H2A-S139 antibody (STJ27513)

STJ27513

GENERAL INFORMATION

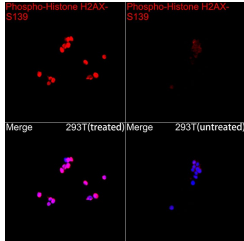
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

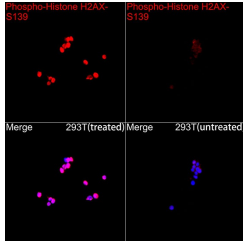
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:100-1:500 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 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

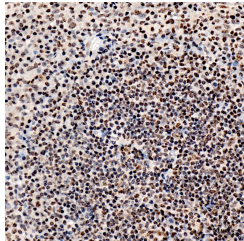
Gene ID	3014
Gene Symbol	H2AX
Uniprot ID	H2AX_HUMAN
Immunogen	QASQEY
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around S139 of human Histone H2AX (NP_002096.1).
Immunogen Sequence	QASQEY



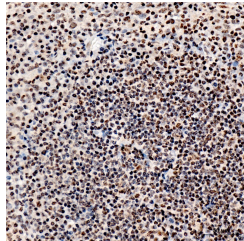
Immunofluorescence analysis of 293T (treated with UV) and 293T (untreated) cells using Phospho-Histone H2AX-S139 Rabbit polyclonal antibody (STJ27513) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:5000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunofluorescence analysis of C6 cells (treated with UV) and C6 (untreated) cells using Phospho-Histone H2AX-S139 Rabbit polyclonal antibody (STJ27513) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:5000 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of C6 cells using Phospho-Histone H2AX-S139 antibody (STJ27513) at 1:500 dilution. C6 cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Immunohistochemistry analysis of human tonsil tissue using Phospho-Histone H2AX-S139 Rabbit polyclonal antibody (STJ27513) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry 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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