

Anti-HIST1H2AE-Y39 antibody (Around Y39) [S2MR] (STJ11102162)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

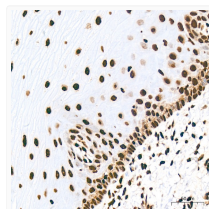
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 14kDa Observed Mw: 17kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

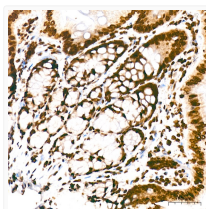
Gene ID	8329/8330/8332/8336/89693012/8335
Gene Symbol	H2AC11.H2AC13.H2AC15.H2AC16.H2AC17.H2AC4.
UniProt ID	H2A1_HUMAN H2A1B_HUMAN
Immunogen Region	Around Y39
Immunogen Sequence	KGNYs
Specificity	A synthetic hydroxylated peptide around Y39 of human Histone H2A (P04908).

ADDITIONAL INFORMATION

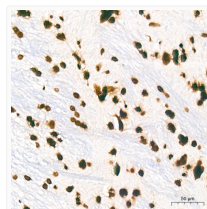
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



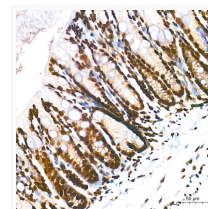
Immunohistochemistry analysis of Hydroxyl-Histone H2A-Y39 in paraffin-embedded human esophagus tissue using Hydroxyl-Histone H2A-Y39 Rabbit monoclonal antibody (STJ11102162) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



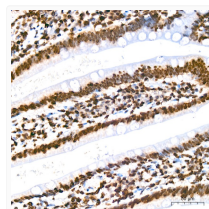
Immunohistochemistry analysis of Hydroxyl-Histone H2A-Y39 in paraffin-embedded rat colon tissue using Hydroxyl-Histone H2A-Y39 Rabbit monoclonal antibody (STJ11102162) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



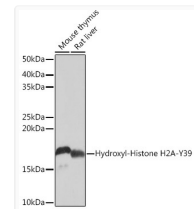
Immunohistochemistry analysis of Hydroxyl-Histone H2A-Y39 in paraffin-embedded rat brain tissue using Hydroxyl-Histone H2A-Y39 Rabbit monoclonal antibody (STJ11102162) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



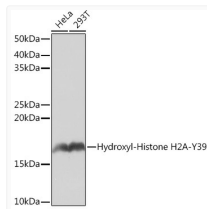
Immunohistochemistry analysis of Hydroxyl-Histone H2A-Y39 in paraffin-embedded mouse colon tissue using Hydroxyl-Histone H2A-Y39 Rabbit monoclonal antibody (STJ11102162) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Hydroxyl-Histone H2A-Y39 in paraffin-embedded human small intestine tissue using Hydroxyl-Histone H2A-Y39 Rabbit monoclonal antibody (STJ11102162) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Western blot analysis of various lysates using Hydroxyl-Histone H2A-Y39 Rabbit monoclonal antibody (STJ11102162) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of various lysates using Hydroxyl-Histone H2A-Y39 Rabbit monoclonal antibody (STJ11102162) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.