

## Anti-Mono-Methyl-Histone H3-K79 antibody (STJ11103474)

STJ11103474

### GENERAL INFORMATION

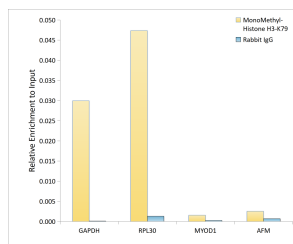
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/ELISA/ChIP
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat/Other

### PRODUCT PROPERTIES

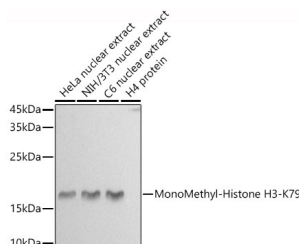
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	ChIP:2 Mu g antibody for 5 Mu g-10 Mu g of Chromatin
<b>Isotype</b>	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
<b>Storage Instruction</b>	IgG Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	8290 8350/8351/8352/8353/8354/8355/8356/8357/8358/8968
<b>Gene Symbol</b>	H3-4 H3C1.H3C2.H3C3.H3C4.H3C6.
<b>Uniprot ID</b>	H31T_HUMAN H31_HUMAN
<b>Immunogen</b>	QDFKT
<b>Immunogen Region</b>	
<b>Specificity</b>	A synthetic monomethylated peptide around K79 of human histone H3 (NP_003520.1).
<b>Immunogen Sequence</b>	QDFKT



Chromatin immunoprecipitation analysis of extracts of HeLa cells, using MonoMethyl-Histone H3-K79 antibody (STJ11103474) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Western blot analysis of various lysates using MonoMethyl-Histone H3-K79 Rabbit polyclonal antibody (STJ11103474) at 1:500 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.

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.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081