

Anti-Tri-Methyl-Histone H3-K4 antibody (2-19) (STJ23983)
STJ23983

GENERAL INFORMATION

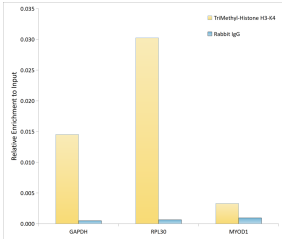
Product Type	Primary antibodies
Short Description	
Applications	WB/DB/IHC-P/ELISA/ChIP/ChIP-seq
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat/Other

PRODUCT PROPERTIES

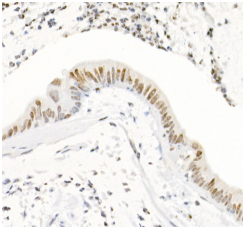
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 DB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. ChIP:5 Mu g antibody for 5 Mu g-10 Mu g of Chromatin
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

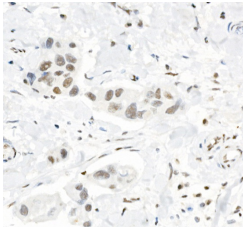
Gene ID	8350/8351/8352/8353/8354/8355/8356/8357/8358/89688290
Gene Symbol	H3C1.H3C2.H3C3.H3C4.H3C6.H3C7.H3C8.H3C10.H3C11.H3C12 H31_HUMAN H31T_HUMAN
Immunogen	2-19
Immunogen Region	
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human histone H3 (NP_003520.1).
Immunogen Sequence	MARTKQTARKSTGGKAPRKQ LATKAARKSAPATGGVKKPH RYRPGTVALREIRRYQKSTE LLIRKLFPQRLVREIAQDFK TDLRFQSSAVMALQEACEAY



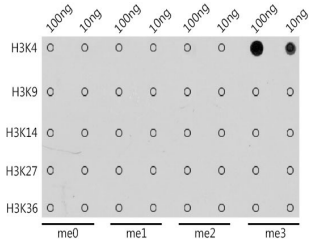
Chromatin immunoprecipitation analysis of extracts of 293F cells, using TriMethyl-Histone H3-K4 Rabbit polyclonal antibody (STJ23983) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Immunohistochemistry analysis of TriMethyl-Histone H3-K4 in paraffin-embedded human colon carcinoma using TriMethyl-Histone H3-K4 Rabbit polyclonal antibody (STJ23983) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6, 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of TriMethyl-Histone H3-K4 in paraffin-embedded human breast cancer using TriMethyl-Histone H3-K4 Rabbit polyclonal antibody (STJ23983) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6, 0 before commencing with immunohistochemistry staining protocol.



Dot-blot analysis of all sorts of methylation peptides using TriMethyl-Histone H3-K4 antibody (STJ23983) at 1:1000 dilution.

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