

Anti-Di-Methyl-Histone H3-K27 antibody (16-37) (STJ23988)
STJ23988

GENERAL INFORMATION

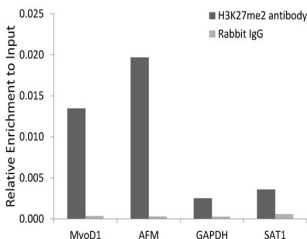
Product Type	Primary antibodies
Short Description	
Applications	WB/DB/IHC-P/IF/ICC/ELISA/ChIP/ChIP-seq
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat/Other

PRODUCT PROPERTIES

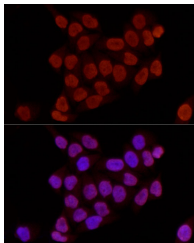
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 DB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. ChIP:5 Mu g antibody for 5 Mu g
Formulation	PBS with 0.02% 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

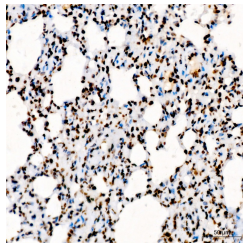
Gene ID	8350/8351/8352/8353/8354/8355/8356/8357/8358/8968 8290
Gene Symbol	H3C1.H3C2.H3C3.H3C4.H3C6.H3C7.H3C8.H3C10.H3C11.H3C12 H31_HUMAN H31T_HUMAN
Immunogen	16-37
Immunogen Region	
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human histone H3 (NP_003520.1). MARTKQTARKSTGGKAPRKQ LATKAARKSAPATGGVKKPH RYRPGTVALREIRRYQKSTE LLIRKLFPQRLVREIAQDFK
Immunogen Sequence	TDLRFQSSAVMALQEACEAY



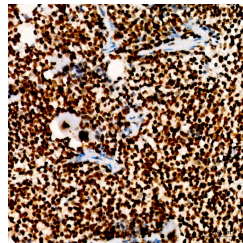
Chromatin immunoprecipitation analysis of extracts of 293 cell line, using DiMethyl-Histone H3-K27 antibody (STJ23988) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Immunofluorescence analysis of HeLa cells using DiMethyl-Histone H3-K27 Rabbit polyclonal antibody (STJ23988) at dilution of 1:20 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (F+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of DiMethyl-Histone H3-K27 in paraffin-embedded rat lung tissue using DiMethyl-Histone H3-K27 Rabbit polyclonal antibody (STJ23988) 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.



Immunohistochemistry analysis of DiMethyl-Histone H3-K27 in paraffin-embedded mouse spleen tissue using DiMethyl-Histone H3-K27 Rabbit polyclonal antibody (STJ23988) 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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