

Anti-Mono-Methyl-Histone H3-K18 antibody [S1MR] (STJ11103411) STJ11103411

GENERAL INFORMATION

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

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	S1MR
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
	IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	lgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

8350/8351/8352/8353/8354/8355/8356/8357/8358/8968

TARGET INFORMATION

Gene ID 8290

Gene Symbol H3-4

H3C1.H3C2.H3C3.H3C4.H3C6. Uniprot ID H31T_HUMAN

Immunogen APRKQ Immunogen Region Immunogen Sequence APRKQ

H31_HUMAN Specificity A synthetic monomethylated peptide around K18 of human histone H3 (P68431).

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15kDa — MonoMethyl-Histone H3-K18	me3 0 0 H3K18	A STREET
CUT&Tag was performed using the CUT&Tag Assay Kit (pAC-Trib) for Illumine (RK20265) from 1034 K562 cells with 1 Mu g MonoMethyl-Histone H3-K18 rabbit monoclonal antibody (S111103411), as anow that Gast Anti-rabbit (gG (H+L), The CUT&Tag results indicate the enrichment pattern of H5K18Met in representative gene loci (MYTT), as shown in figure.	Dot-blot analysis of all sorts of peptides using MonoMethyl-Histone H3-K18 antibody (STJ11103411) at 1:1000 diution.	Immunohistochemistry analysis of parafilin-embedded human breast cancer using MonoMethy-Histone H3- K18 rabbit monoclonal antibody (STJ11103411) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.

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