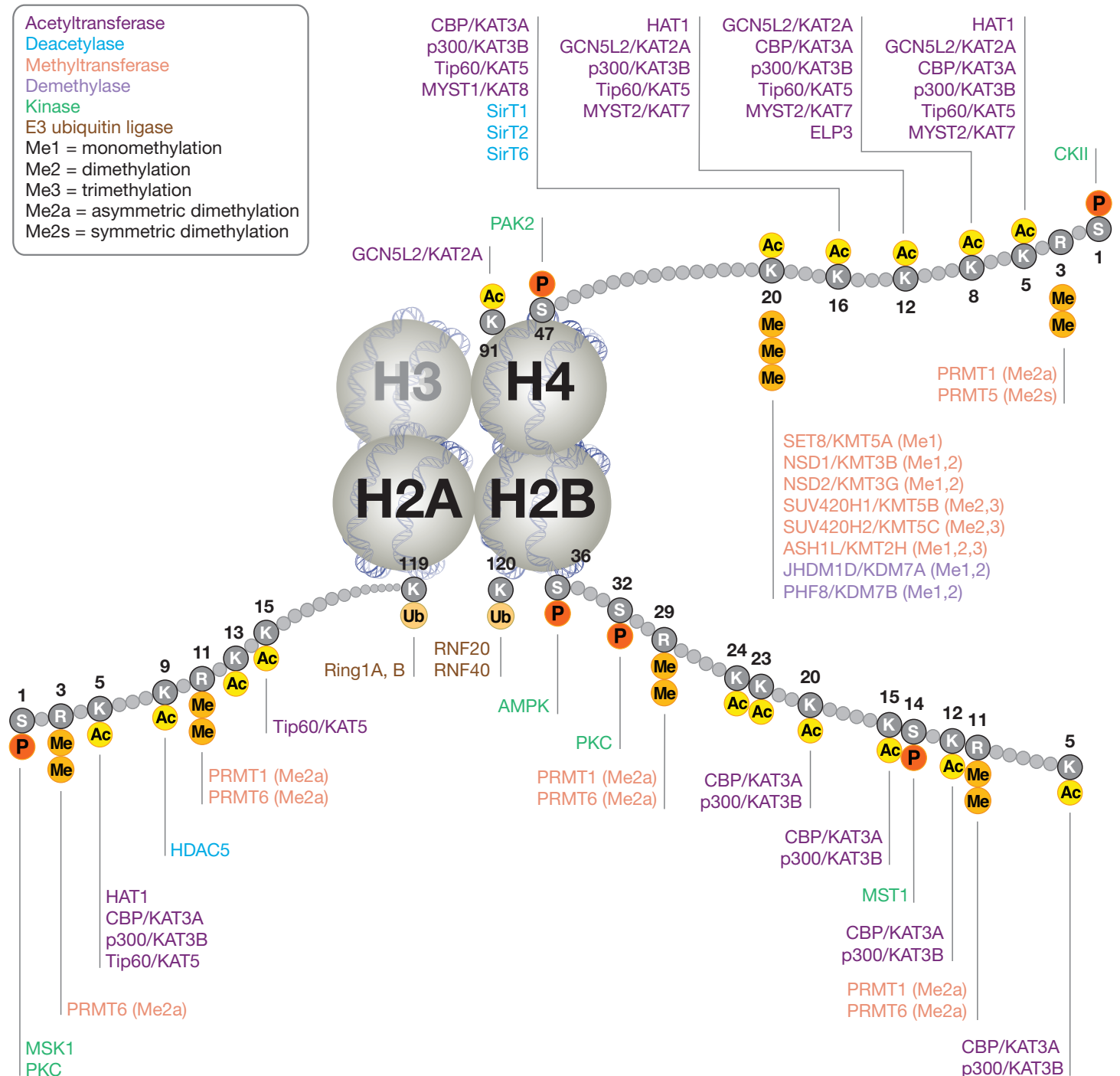


Epigenetic Writers and Erasers of Histones H2A, H2B, and H4



Epigenetic Writers and Erasers of Histones H2A, H2B, and H4

Visit www.cellsignal.com for a full listing of antibodies, related kits, and reagents.

ANTIBODIES

Acetyltransferases

ANTIBODIES	APPLICATIONS	REACTIVITY
#7389 CBP (D6C5) Rabbit mAb	WB, IP, IF-IC, ChIP	H, M, R, Mk
#7425 CBP (D9B6) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H, M, R, Mk
#5728 ELP3 (D5H12) Rabbit mAb	WB	H, M, R, (Hm, B, Dg, Pg, Hr)
#3305 GCN5L2 (C26A10) Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk, (B, Hr)
#46862 MYST1 (D5T3R) Rabbit mAb	WB	H, M, R, Mk
#58418 MYST2 (D4N3F) Rabbit mAb	WB, IP, IHC-P, ChIP	H, M, R, Mk
#54062 p300 (D2X6N) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H
#70088 p300 (D1M7C) Rabbit mAb	WB, IP	H, M, Mk
#86377 p300 (D8Z4E) Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, Mk
#3378 PCAF (C14G9) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H, M, R, Mk, (B, Hr)
#12058 Tip60 Antibody	WB	H, (M, Mk, B, Hr)

Deacetylases

#34589 HDAC1 (D5C6U) XP® Rabbit mAb	WB, IP, IF-IC, ChIP	H, M, R, Mk
#57156 HDAC2 (D6S5P) Rabbit mAb	WB, IP, IF-IC, ChIP	H, M, R, Mk
#85057 HDAC3 (D201K) Rabbit mAb	WB, IP, ChIP	H, M, R, Mk
#15164 HDAC4 (D8T3Q) Rabbit mAb	WB, IP	H, M, R, Mk
#20458 HDAC5 (D1J7V) Rabbit mAb	WB, IP	H, M, R, Mk
#33418 HDAC7 (D4E1L) Rabbit mAb	WB, IHC-P	H, M, Mk
#8469 SirT1 (1F3) Mouse mAb	WB, IP, IF-IC	H, M, R, Mk
#9475 SirT1 (D1D7) Rabbit mAb	WB, IF-IC	H, M, R, Mk, (C, B, Pg, Hr)
#2028 SirT1 Antibody (Mouse Specific)	WB, IP, IF-IC	M
#12650 SirT2 (D4O5O) Rabbit mAb	WB	H, M, R, Mk
#12672 SirT2 (D4S6J) Rabbit mAb	WB	H, M, R, Mk
#12486 SirT6 (D8D12) Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk

Methyltransferases

#2449 PRMT1 (A33) Antibody	WB, IP, IF-IC	H, M, R, Mk, (B)
#2453 PRMT1 (F339) Antibody	WB	H, M, R, Mk, (B)
#79998 PRMT5 (D5P2T) Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
#14641 PRMT6 (D5A2N) Rabbit mAb	WB, IP	H, M, R, (B, Sc)
#2996 SET8 (C18B7) Rabbit mAb	WB, IF-IC	H, M, R, Mk, (B, Pg, Hr)

Kinases

#2656 CK2α Antibody	WB	H, M, R, Mk
#3489 MSK1 (C27B2) Rabbit mAb	WB, IP	H, M, R, Mk
#14946 MST1 (D8B9Q) Rabbit mAb	WB, IP	H, M, R, (B, Hr)

ANTIBODIES

Kinases (cont.)

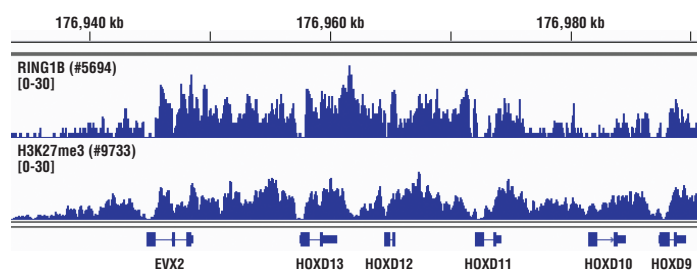
#3682 MST1 Antibody	WB, IP	H, M, R, Mk, B
#2615 PAK2 (C17A10) Rabbit mAb	WB	H, M, Mk
#4825 PAK2 (3B5) Mouse mAb	WB, IP	H, Mk
#2608 PAK2 Antibody	WB, IP	H, M, R, Mk

E3 Ubiquitin Ligases

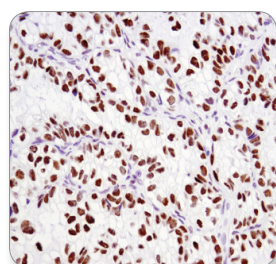
#13069 Ring1A (D2P4D) Rabbit mAb	WB, IP, IF-IC	H, R
#2820 Ring1A Antibody	WB	H, M, R, Mk
#5694 RING1B (D22F2) XP® Rabbit mAb	WB, IP, IF-IC, ChIP, ChIP-seq	H, M, R, Mk
#11974 RNF20 (D6E10) XP® Rabbit mAb	WB, IP, ChIP	H, M, R, Mk, (Hm, Dg, Pg, Hr)
#9425 RNF20 (D8C2) Rabbit mAb	WB, IP	H, M, R, Mk, (Hm, B, Pg, Hr)
#12187 RNF40 (D2R20) Rabbit mAb	WB, IP	H

RELATED PRODUCTS

#65816 Class I HDAC Antibody Sampler Kit		H, M, R, Mk
#79891 Class II HDAC Antibody Sampler Kit		H, M, R
#9787 Sirtuin Antibody Sampler Kit		
#56383 SimpleChIP® Plus Sonication Chromatin IP Kit (Magnetic Beads)	ChIP, ChIP-seq	
#9005 SimpleChIP® Plus Enzymatic Chromatin IP Kit (Magnetic Beads)	ChIP, ChIP-seq	
#9003 SimpleChIP® Enzymatic Chromatin IP Kit (Magnetic Beads)	ChIP, ChIP-seq	

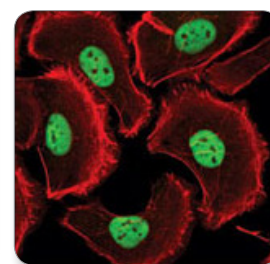
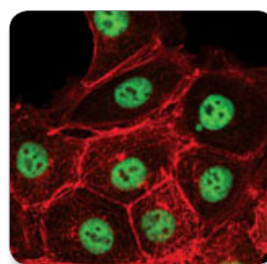
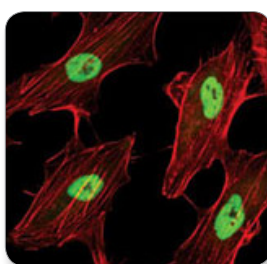


RING1B (D22F2) XP® Rabbit mAb #5694: Chromatin immunoprecipitations were performed with cross-linked chromatin from NCCIT cells and either RING1B (D22F2) XP® Rabbit mAb or Tri-Methyl-Histone H3 (Lys27) (C36B11) Rabbit mAb #9733, using SimpleChIP® Enzymatic Chromatin IP Kit (Magnetic Beads) #9003. DNA Libraries were prepared from 5ng enriched ChIP DNA for RING1B ChIP-seq and 50ng enriched ChIP DNA for H3K27me3 ChIP-seq using NEBNext® Ultra™ II DNA Library Prep Kit for Illumina®, and sequenced on the Illumina NextSeq. RING1B and H3K27me3 are known to associate with each other on chromatin.



p300 (D8Z4E) Rabbit mAb #86377: Immunohistochemical analysis of paraffin-embedded human ovarian clear cell carcinoma using #86377.

PRMT1 (A33) Antibody #2449: Confocal immunofluorescent analysis of either untreated HeLa (left), HCT-116 (middle) or SK-OV-3 (right) cells using #2449 (green). Actin filaments have been labeled with Alexa Fluor® 555 phalloidin (red).



APPLICATIONS & REACTIVITY KEY: **WB** Western Blotting / **IP** Immunoprecipitation / **IHC** Immunohistochemistry / **IF** Immunofluorescence / **F** Flow Cytometry / **ChIP** Chromatin Immunoprecipitation / **-IC** Immunocytochemistry / **-P** Paraffin / **-F** Frozen / **E-P** Peptide ELISA / **H** human / **M** mouse / **R** rat / **Hm** hamster / **Mk** monkey / **C** chicken / **Mi** mink / **Dm** D. melanogaster / **X** Xenopus / **Z** zebra fish / **B** bovine / **Dg** dog / **Pg** pig / **Sc** S. cerevisiae / **All** all species expected / () 100% sequence homology

© 2018 Cell Signaling Technology, Inc. Cell Signaling Technology, CST, PathScan, SimpleChIP, and XP are trademarks of Cell Signaling Technology, Inc. Patent No. 5,675,063. All other trademarks are the property of their respective owners.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.cellsignal.com/H2H4

