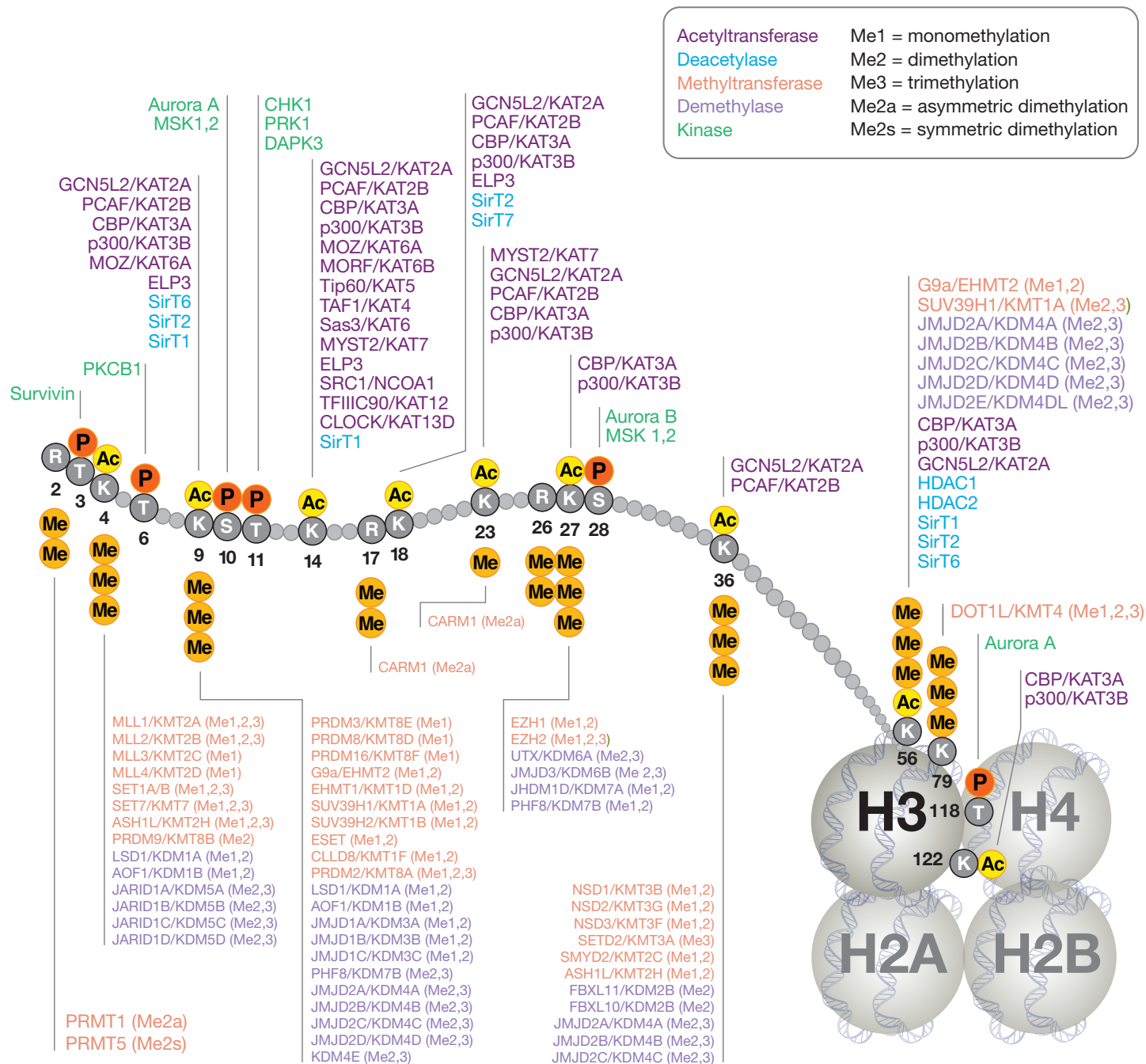


Epigenetic Writers and Erasers of Histone H3



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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
#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
#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)
#2191 SRC-1 (128E7) Rabbit mAb	WB, IP, IHC-P, ChIP	H, M, R, Mk

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
#9475 SirT1 (D1D7) Rabbit mAb	WB, IF-IC	H, M, R, Mk, (C, B, Pg, Hr)
#8469 SirT1 (1F3) Mouse mAb	WB, IP, IF-IC	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
#5360 SirT7 (D3K5A) Rabbit mAb	WB, IP	H, M, R, Mk

Methyltransferases

#77087 DOT1L (D1W4Z) Rabbit mAb	WB, IP, ChIP	H, Mk
#93212 ESET (D4M8R) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, ChIP	H, M, R, Mk
#42088 EZH1 (D7D5D) Rabbit mAb	WB, IP	H, Mk, (Pg)
#5246 Ezh2 (D2C9) XP® Rabbit mAb	WB, IP, IHC-P, IF-F, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk
#68851 G9a/EHMT2 (D5R4R) XP® Rabbit mAb	WB, IF-IC, ChIP	H, M, R, Mk, (B, Pg, Hr)
#14689 MLL1 (D2M7U) Rabbit mAb (Amino-terminal Antigen)	WB, IP	H, M, R, Mk
#14197 MLL1 (D6G8N) Rabbit mAb (Carboxy-terminal Antigen)	WB, IP, IF-IC	H, M, R, Mk
#63735 MLL2/KMT2B (D6X2E) Rabbit mAb (Carboxy-terminal Antigen)	WB, IP, IF	H
#2449 PRMT1 (A33) Antibody	WB, IP, IF-IC	H, M, R, Mk, (B)

ANTIBODIES

Methyltransferases (cont.)

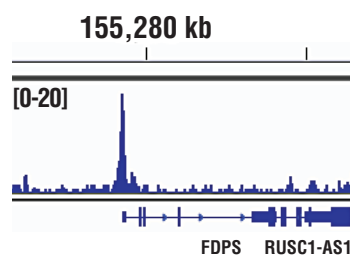
#3379 PRMT4/CARM1 (C31G9) Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk
#12495 PRMT4/CARM1 (3H2) Mouse mAb	WB, IP, IF-IC, ChIP	H, M, R, Mk
#79998 PRMT5 (D5PT2) Rabbit mAb	WB, IP, IHC	H, M, R, Mk
#61702 SET1A (D3V9S) Rabbit mAb	WB, IP, ChIP	H
#44922 SET1B (D1U5D) Rabbit mAb	WB, IP	H, M, Mk, (B, Pg, Hr)
#23486 SETD2 (D5T1Q) Rabbit mAb	WB	H, M, R, Mk
#9734 SMYD2 (D14H7) Rabbit mAb	WB, IP	H, M, R, Mk, (Hm, B, Dg, Hr)
#8729 SUV39H1 (D11B6) Rabbit mAb	WB, IP	H, M, R, Mk, (B)

Demethylases

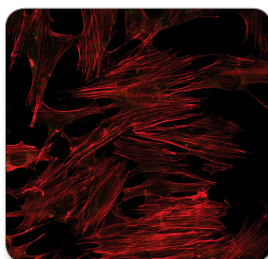
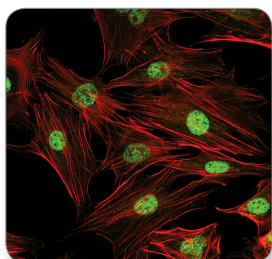
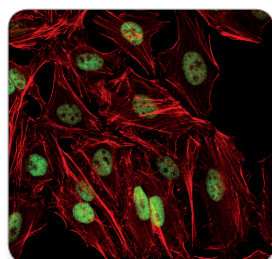
#44570 FBXL10 (D3T8J) Rabbit mAb	WB	H
#3876 JARID1A (D28B10) Rabbit mAb	WB, IP	H, M, (R, B)
#3273 JARID1B Antibody	WB, IP	H, Mk
#5361 JARID1C (D29B9) Rabbit mAb	WB, IP	H, M, (Mk, Pg, Hr)
#3100 JMJD1B (C6D12) Rabbit mAb	WB, IP, IHC-P	H, Mk
#5328 JMJD2A (C37E5) Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R, Mk
#8639 JMJD2B (D7E6) Rabbit mAb	WB, IP, IF-IC	H, Mk
#3457 JMJD3 Antibody	WB	H, M, (Mk, Hr)
#2184 LSD1 (C69G12) Rabbit mAb	WB, IP, IHC-P, IF-IC, ChIP	H, M, R, Mk
#33510 UTX (D3Q1I) Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk

Kinases

#91590 Aurora A (D3V7T) XP® Rabbit mAb	WB, IHC	H
#14475 Aurora A (D3E4Q) Rabbit mAb	WB, IP, IF-IC, F	H
#2360 Chk1 (2G1D5) Mouse mAb	WB	H, M, R, Mk
#2928 DAPK3/ZIPK Antibody	WB	H, M, R
#3489 MSK1 (C27B2) Rabbit mAb	WB, IP	H, M, R, Mk
#3679 MSK2 (D41A4) XP® Rabbit mAb	WB, IP, IF-IC	H
#2808 Survivin (71G4B7) Rabbit mAb	WB, IP, IHC-P, IHC-F, IF-IC, F	H, M, R

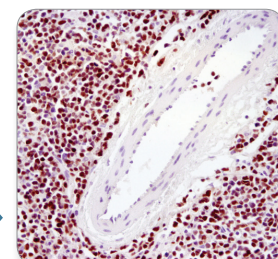


p300 (D2X6N) Rabbit mAb #54062: Chromatin immunoprecipitations were performed with cross-linked chromatin from K-562 cells and #54062 using SimpleChIP® Plus Enzymatic Chromatin IP Kit (Magnetic Beads) #9005. DNA Libraries were prepared from 5 ng enriched ChIP DNA using NEBNext® Ultra™ II DNA Library Prep Kit for Illumina®, and sequenced on the Illumina NextSeq. The figure shows binding across FDIS gene.



SirT1 (D1D7) Rabbit mAb #9475: Confocal immunofluorescent analysis of HeLa (positive; left), WT MEF (positive; middle), and SirT1 KO MEF (right) cells using #9475 (green). Actin filaments were labeled with DyLight™ 554 Phalloidin #13054 (red). WT and KO MEF were kindly provided by Wenyi Wei, Harvard Medical School.

Ezh2 (D2C9) XP® Rabbit mAb #5246: Immunohistochemical analysis of paraffin-embedded human lymphoma using #5246.



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

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