

## Antibodies Product Datasheet

<b>Product Name:</b>	Histone H3 (Di Methyl-Lys5) Antibody
<b>Catalog Number:</b>	D12811
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB, IHC-p, IF(paraffin section), ELISA
<b>Dilutions:</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
<b>Modification:</b>	Methyl Specific
<b>Source:</b>	Polyclonal Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen:</b>	Synthesized peptide derived from human Histone H3 around the di-methylation site of K5.
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	HIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3F3B/H3F3C
<b>Protein Name:</b>	Histone H3.1/Histone H3.2/Histone H3.3/Histone H3.3C
<b>Other Name:</b>	H3K5ME2; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3.1; Histone H3.2; Histone H3/m; Histone H3/o; H3F3A; H3.3A; H3F
<b>Human Swiss Prot No.:</b>	P68431/Q71DI3/P84243/Q6NXT2
<b>Formulation:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Specificity:</b>	Di-Methyl-Histone H3 (K5) Polyclonal Antibody detects endogenous levels of Histone H3 protein only when di-methylated at K5.
<b>Storage and Stability:</b>	-20°C/1 year