

Antibodies Product Datasheet

Product Name:	Histone H3 (Mono Methyl-Lys37) Antibody
Catalog Number:	D12807
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC-p, IF(paraffin section), ELISA
Dilutions:	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
Modification:	Methyl Specific
Source:	Polyclonal Rabbit
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen:	Synthesized peptide derived from human Histone H3 around the mono-methylation site of K37.
Concentration:	1 mg/ml
Gene Name:	HIST1H3A/HIST1H3/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G/HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H3F3B/H3F3C
Protein Name:	Histone H3.1/Histone H3.2/Histone H3.3/Histone H3.3C
Other Name:	H3K37ME1; 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; H3
Human Swiss Prot No.:	P68431/Q71DI3/P84243/Q6NXT2
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Specificity:	Mono-Methyl-Histone H3 (K37) Polyclonal Antibody detects endogenous levels of Histone H3 protein only when mono-methylated at K37.
Storage and Stability:	-20°C/1 year