

DiMethyl-Histone H3 Antibody (YA783)

Cat. No.:	HY-P80643
Synonyms:	DiMethyl-Histone H3 Antibody (YA783) is a non-conjugated and Mouse originated monoclonal antibody about 15 kDa, targeting to DiMethyl-Histone H3 (Lys27) (5F6). It can be used for WB, ICC/IF, IP assays with tag free, in the background of Human, Mouse, Rat.
Host:	Mouse
Reactivity:	Human, Mouse, Rat
Conjugation:	Non-conjugated
SwissProt ID:	P68431
Research Field:	Epigenetics and Nuclear Signaling
Molecular Weight:	Predicted band size: 15 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IF	1:50-1:200
	IP	1:20
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>DiMethyl-Histone H3 (Lys27) (5F6): Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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