

Mouse Monoclonal Antibody to HIST2H4A(20Me)

Catalogue Number	sAP-1223
Target Molecule	Name: HIST2H4A(20Me) Aliases: H4; H4/n; H4F2; H4FN; FO108; HIST2H4 MW: 11.4kDa Entrez Gene ID: 8370
Description	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 member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.;
Immunogen	Synthesized peptide of human HIST2H4A (AA: GGAKRHRK(Me)VLRDNIQ) .
Recitative Species	Human;
Clone	MM3E7D9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: ; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM:
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Virol. 2011 Dec;85(24):13234-52. ; 2.Mol Cell Biol. 2003 Feb;23(4):1460-9.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**