
Product Name: TriMethyl-Histone H3 (Lys79) Mouse Monoclonal Antibody**Catalog #: AMM84829**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

Antigen Information

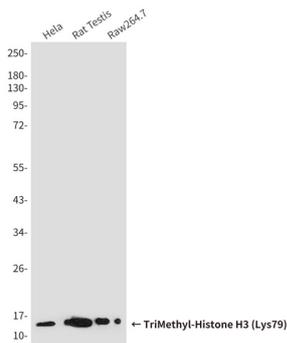
Gene Name	TriMethyl-Histone H3 (Lys79)
Alternative Names	H3K79me3; H3 histone; HIST1H3A; Histone cluster 1; H3a
Gene ID	8350.0
SwissProt ID	P68431
Immunogen	Synthetic Peptide of Histone H3 (Tri Methyl Lys79)

Background

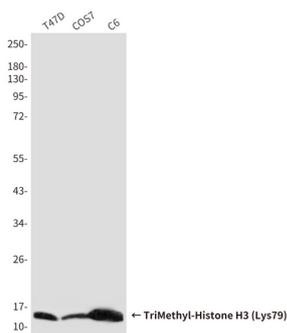
H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

Research Area

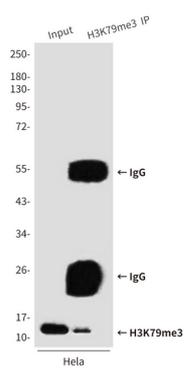
Image Data



Western blot analysis of TriMethyl-Histone H3 (Lys79) in HeLa, rat Testis, Raw264.7 lysates using Histone H3 (tri methyl K79) antibody.



Western blot analysis of TriMethyl-Histone H3 (Lys79) in T47D, COS7 and C6 lysates using TriMethyl-Histone H3 (Lys79) antibody.



Immunoprecipitation analysis of TriMethyl-Histone H3 (Lys79) in HeLa lysates using TriMethyl-Histone H3 (Lys79) antibody