Histone H3(mono+di+methyl K79) Rabbit mAb

Catalog No: #HW223

Package Size: #HW223-1 50ul #HW223-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

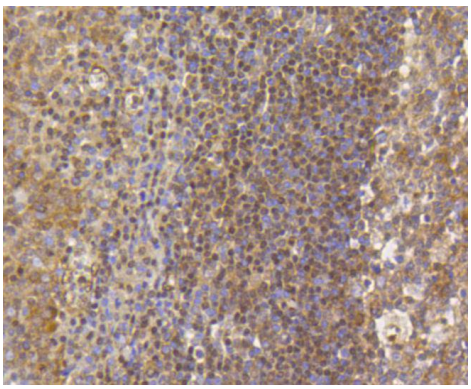
Description

Product Name	Histone H3(mono+di+methyl K79) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR42-06
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	H3 histone family, member J antibody FLJ92264 antibody H3 histone family, member A antibody H3 histone family, member B antibody H3 histone family, member C antibody H3 histone family, member D antibody H3 histone family, member F antibody H3 histone family, member H antibody H3 histone family, member I antibody H3 histone family, member K antibody H3 histone family, member L antibody H3 histone, family 3A antibody H3.3A antibody H3/a antibody H3/b antibody H3/c antibody H3/d antibody h3/f antibody H3/h antibody H3/i antibody H3/j antibody H3/k antibody H3/l antibody H31_HUMAN antibody H3F1K antibody H3F3 antibody H3FA antibody H3FB antibody H3FC antibody H3FD antibody H3FF antibody H3FH antibody H3FI antibody H3FJ antibody H3FK antibody H3FL antibody HIST1H3A antibody HIST1H3B antibody HIST1H3C antibody HIST1H3D antibody HIST1H3E antibody HIST1H3F antibody HIST1H3G antibody HIST1H3H antibody HIST1H3I antibody HIST1H3J antibody HIST3H3 antibody Histone 1, H3a antibody Histone 1, H3b antibody Histone 1, H3c antibody Histone 1, H3d antibody Histone 1, H3e antibody Histone 1, H3f antibody Histone 1, H3g antibody Histone 1, H3h antibody Histone 1, H3i antibody Histone 1, H3j antibody Histone cluster 1, H3a antibody Histone cluster 1, H3b antibody Histone cluster 1, H3c antibody Histone cluster 1, H3d antibody Histone cluster 1, H3e antibody Histone cluster 1, H3f antibody Histone cluster 1, H3g antibody Histone cluster 1, H3i antibody Histone cluster 1, H3j antibody Histone H 3 antibody Histone H3.1 antibody Histone H3.2 antibody Histone H3/a antibody Histone H3/b antibody Histone H3/c antibody Histone H3/d antibody Histone H3/f antibody Histone H3/h antibody Histone H3/i antibody Histone H3/j antibody Histone H3/k antibody Histone H3/l antibody Histone H3/m antibody Histone H3/o antibody
Accession No.	Swiss-Prot#:P68431
Uniprot	P68431
GeneID	8350;8351;8352;8353;8354;8355;8356;8357;8358;8968;
Calculated MW	15 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

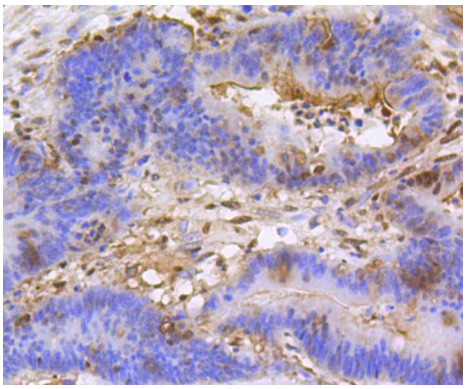
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200

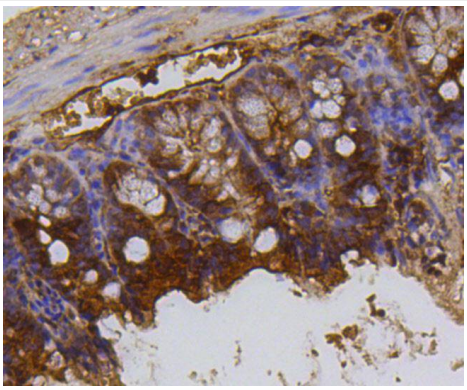
Images



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Histone H3(mono+di+tri methyl K79) antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Histone H3(mono+di+tri methyl K79) antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Histone H3(mono+di+tri methyl K79) antibody. Counter stained with hematoxylin.

Background

Eukaryotic histones are basic and water soluble nuclear proteins that form hetero-octameric nucleosome particles by wrapping 146 base pairs of DNA in a left-handed super-helical turn sequentially to form chromosomal fiber. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form the octamer; formed of two H2A-H2B dimers and two H3-H4 dimers, forming two nearly symmetrical halves by tertiary structure. Over 80% of nucleosomes contain the linker Histone H1, derived from an intronless gene, that interacts with linker DNA between nucleosomes and mediates compaction into higher order chromatin. Histones are subject to posttranslational modification by enzymes primarily on their N-terminal tails, but also in their globular domains. Such modifications include methylation, citrullination, acetylation, phosphorylation, sumoylation, ubiquitination and ADP-ribosylation.

References

Note: This product is for in vitro research use only