MonoMethyl-Histone H4-K5 pAb

Catalog No: #30213

Package Size: #30213-1 50ul #30213-2 100ul

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

Description

Product Name	MonoMethyl-Histone H4-K5 pAb
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human MonoMethyl-Histone H4-K5.
Other Names	FO108;H4;H4/n;H4F2;H4FN;HIST2H4;Histone H4;HIST1H4A;HIST2H4A
Accession No.	Uniprot:P62805GeneID:8370
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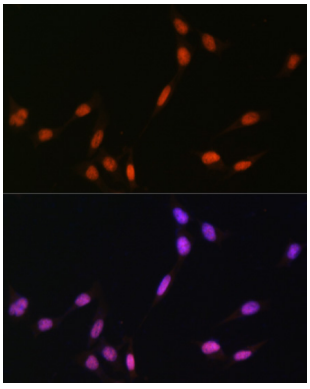
GeneID	8370
Calculated MW	Refer to figures
SDS-PAGE MW	Refer to figures
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

IF□1:50 - 1:200

Images



Immunofluorescence analysis of NIH-3T3 cells using MonoMethyl-Histone H4-K5 pAb antibody.

Background

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 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.

Note: This product is for in vitro research use only