

Histone H4(mono-Methyl-Lys79) Rabbit Polyclonal Conjugated Antibody

Catalog No: #CHW059

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

Package Size: #CHW059-AF350 100ul #CHW059-AF405 100ul #CHW059-AF488 100ul

#CHW059-AF555 100ul #CHW059-AF594 100ul #CHW059-AF647 100ul

#CHW059-AF680 100ul #CHW059-AF750 100ul #CHW059-Biotin 100ul

Description

Product Name	Histone H4(mono-Methyl-Lys79) Rabbit Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Rt Ms
Specificity	The Histone H4(mono-methyl-Lys79) Rabbit Polyclonal Antibody detects endogenous Histone H4 (mono-methyl-Lys79) protein.
Immunogen Description	A synthetic Mono-methylated peptide corresponding to residues surrounding Lys79 of human histone H4.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Histone 1 H4 antibody, HIST1H4K antibody, MGC24116 antibody, dJ160A22.1 antibody
Accession No.	Swiss-Prot#:P62805
Uniprot	P62805
GeneID	121504;554313;8294;8359;8360;8361;8362;8363;8364;8365;8366;8367;8368;8370;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	14
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Histone H4 is one of the 5 main histone proteins involved in the structure of chromatin in eukaryotic cells. H4 is a structural component of the nucleosome, and is subject to covalent modification, including acetylation and methylation, which may alter expression of genes located on DNA associated with its parent histone octamer.

Note: This product is for in vitro research use only