

# Histone H4(Di-Methyl-Lys59) Rabbit Polyclonal Conjugated Antibody

Catalog No: #CHW057

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Package Size: #CHW057-AF350 100ul #CHW057-AF405 100ul #CHW057-AF488 100ul

#CHW057-AF555 100ul #CHW057-AF594 100ul #CHW057-AF647 100ul

#CHW057-AF680 100ul #CHW057-AF750 100ul #CHW057-Biotin 100ul

## Description

Product Name	Histone H4(Di-Methyl-Lys59) Rabbit Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Rt Ms
Specificity	The Histone H4(Di-methyl-Lys59) Rabbit Polyclonal Antibody detects endogenous Histone H4 (Di-methyl-Lys59) protein.
Immunogen Description	A synthetic Di-methylated peptide corresponding to residues surrounding Lys59 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

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## Background

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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.

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Note: This product is for in vitro research use only