

## Histone H1.2 Conjugated Antibody

Catalog No: #C49712



Package Size: #C49712-AF350 100ul #C49712-AF405 100ul #C49712-AF488 100ul  
 #C49712-AF555 100ul #C49712-AF594 100ul #C49712-AF647 100ul  
 #C49712-AF680 100ul #C49712-AF750 100ul #C49712-Biotin 100ul

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## Description

Product Name	Histone H1.2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	H1 histone family member 2 antibody H1.a antibody H12_HUMAN antibody H1F2 antibody H1s-1 antibody HIST1H1C antibody Histone 1 H1c antibody Histone cluster 1 H1c antibody Histone H1.2 antibody Histone H1c antibody Histone H1d antibody Histone H1s-1 antibody MGC3992 antibody
Accession No.	Swiss-Prot#:P16403
Uniprot	P16403
GeneID	3006;
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	29 kDa
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

## Background

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Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation.

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Note: This product is for in vitro research use only