

Nur für Forschungszwecke

# Mono/Di-Methyl-Histone H3 (Lys9) Rekombinanter Antikörper



Katalog-Nr.:80219-1-RR

## Allgemeine Informationen

Katalog-Nr.:  
80219-1-RR

Größe:  
100ul, Konzentration: 1000 µg/ml von8350

Nanodrop;

Wirt:  
Kaninchen

Isotyp:  
IgG

GenBank-Zugangsnummer:  
BC066245

GeneID (NCBI):  
von8350

Vollständiger Name:  
histone cluster 1, H3a

Beobachtete Masse:  
15-18 kDa

Reinigungsmethode:  
Protein-A-Reinigung

CloneNo.:  
1E12

Empfohlene Verdünnungen:  
WB 1:2000-1:5000  
IF 1:200-1:800

## Anwendungen

Geprüfte Anwendungen:  
IF, WB, ELISA

Getestete Reaktivität:  
Human, Maus, Ratte

Positivkontrollen:

WB : THP-1-Zellen, C2C12-Zellen, HEK-293-Zellen,  
HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, NIH/3T3-  
Zellen, PC-12-Zellen

IF : HeLa-Zellen, HepG2-Zellen

## Hintergrundinformationen

Histones, including H1/H5 (linker histones), H2, H3, and H4 (core histones), are nucleic proteins which interact with DNA to form the nucleosomes and play important roles in gene regulation and DNA replication. Histone proteins are highly post-translationally modified while Histone H3 is the most extensively modified. Methylation of Histone H3 at lysine 9 is linked to transcriptional repression. This antibody is specific to monomethyl or dimethyl-Histone H3 while it does not recognize trimethyl-Histone H3 (Lys9). It is also named as H3K9me1/2.

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern.

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

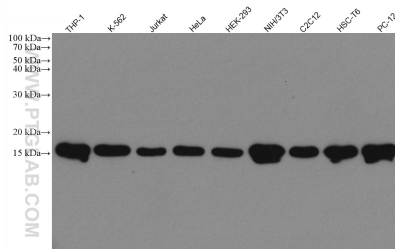
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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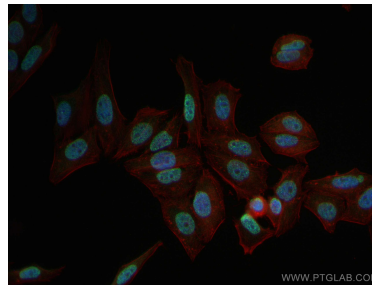
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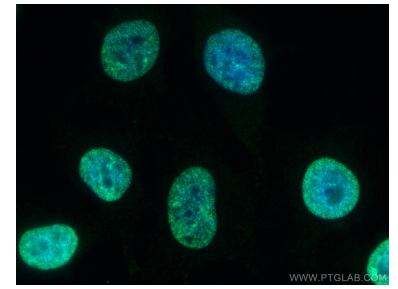
## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 80219-1-RR (Mono/Di-Methyl-Histone H3 (Lys9) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Mono/Di-Methyl-Histone H3 (Lys9) antibody (80219-1-RR, Clone: 1E12) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Mono/Di-Methyl-Histone H3 (Lys9) antibody (80219-1-RR, Clone: 1E12) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).