

## Product Datasheet

### Histone H3 K9me1 antibody (orb420396)

## Description

Histone H3 K9me1 antibody

### Species/Host

Rabbit

### Reactivity

C. elegans, Human, Mouse

### Conjugation

Unconjugated

### Tested

ChIP, DOT, IF, IHC, Multiplex Assay, WB

### Applications

### Immunogen

Histone H3 [Monomethyl Lys9] affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic monomethylated peptide surrounding Lysine 9 of human Histone H3.2.

### Preservatives

0.01% (w/v) Sodium Azide

### Form/Appearance

Liquid (sterile filtered)

### Concentration

0.7 mg/mL

### Storage

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

### Note

For research use only

### Application notes

Anti-Histone H3 [Monomethyl Lys9] antibody is tested for Western Blot, Chromatin Immunoprecipitation, Dot Blot, and Immunocytochemistry/Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~15.4 kDa corresponding to Histone H3 protein by Western Blotting in HeLa histone prep lysate or the appropriate cell lysate or extract. Epi-Plus antibody production in collaboration with Novus Biologicals.

### Isotype

IgG

### Clonality

Polyclonal

### Purity

Anti-Histone H3 [Monomethyl Lys9] was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody reacts with human Histone H3.2. A BLAST analysis was used to suggest cross-reactivity with Human, mouse, and C. elegans. Predicted

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