

## Product Datasheet

### Histone H3 K36me1 antibody (orb420413)

## Description

Histone H3 K36me1 antibody

## Species/Host

Rabbit

## Reactivity

C. elegans, Human

## Conjugation

Unconjugated

## Tested

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

## Applications

## Immunogen

Histone H3 [Monomethyl Lys36] affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic monomethylated peptide surrounding Lysine 36 of human Histone H3.2.

## Preservatives

0.01% (w/v) Sodium Azide

## Form/Appearance

Liquid (sterile filtered)

## Concentration

0.45 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 Lys36] antibody is tested in Western Blot, Dot Blot, and Immunofluorescence. This antibody is useful for Chromatin Immunoprecipitation and Immunocytochemistry. 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 Lys36] was affinity purified from monospecific antiserum by immunoaffinity

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chicken, Xenopus, Drosophila, and plant based on 100% sequence homology. Cross-