

## Product Datasheet

### Histone H3 K37me3 antibody (orb420419)

## Description

Histone H3 K37me3 antibody

## Species/Host

Rabbit

## Reactivity

C. elegans, Human

## Conjugation

Unconjugated

## Tested

DOT, IF, IHC, Multiplex Assay, WB

## Applications

## Immunogen

Histone H3 [Trimethyl Lys37] affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic trimethylated peptide surrounding Lysine 37 of human Histone H3.

## Preservatives

0.01% (w/v) Sodium Azide

## Form/Appearance

Liquid (sterile filtered)

## Concentration

1.1 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 [Trimethyl Lys37] antibody is tested for Western Blot, Immunocytochemistry/Immunofluorescence, and Dot Blot. This antibody is useful in Chromatin Immunoprecipitation. 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 [Trimethyl Lys37] was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody reacts with human Histone H3. A BLAST analysis was used to suggest cross-reactivity

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been determined.