

Product Datasheet

Histone H3 K4me1 antibody (orb420384)

Description

Histone H3 K4me1 antibody

Species/Host

Rabbit

Reactivity

C. elegans, Human

Conjugation

Unconjugated

Tested

ChIP, IF, IHC, Multiplex Assay, WB

Applications

Immunogen

Histone H3 [Monomethyl Lys4] affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic monomethylated peptide surrounding Lysine 4 of human Histone H3.2.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

0.72 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 Lys4] antibody is tested in Western Blot and Immunofluorescence. This antibody is useful in Immunocytochemistry, Chromatin Immunoprecipitation, and Dot Blot. 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 Lys4] was affinity purified from monospecific antiserum by immunoaffinity

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