

Product Datasheet

Histone H3 K4-Me3 antibody (orb420431)

Description

Histone H3 K4-Me3 antibody

Species/Host

Rabbit

Reactivity

Human, Mouse

Conjugation

Unconjugated

Tested

DOT, IF, Multiplex Assay, WB

Applications

Immunogen

Anti-Histone H3 K4-Me3/K9-Ac affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide with a methylation surrounding Lysine 4 and an acetylation surrounding Lysine 9 of human Histone H3.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

0.46mg/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 K4-Me3/K9-Ac antibody is tested for dot blot, IF, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~15.4kDa corresponding to the appropriate cell lysate or extract. Epi-Plus antibody production in collaboration with Novus Biologicals.

Isotype

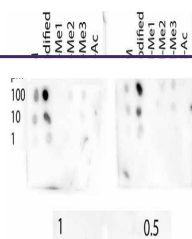
IgG

Clonality

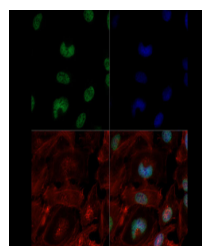
Polyclonal

Purity

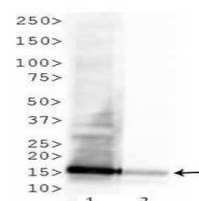
Anti-Histone H3 [Trimethyl Lys4/ac Lys9] was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with Human, mouse, rat, and C. elegans based on 100% sequence homology. Cross-reactivity with Histone H3 K4-Me3/K9-Ac from other sources has not been determined.



Dot Blot of Rabbit
Histone H3 K4-
Me3/K9-...



Immunofluorescence
of Anti-Histone H3
Me...



Western Blot of
Histone H3 K4-
Me3/K9-Ac ...