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## Product Datasheet

### Histone H3 K9-Ac antibody (orb420437)

**Description**

Histone H3 K9-Ac antibody

**Species/Host**

Rabbit

**Reactivity**

Human, Mouse

**Conjugation**

Unconjugated

**Tested Applications**

DOT, IF, Multiplex Assay, WB

**Immunogen**

Anti-Histone H3 [ac Lys9/phospho Ser10] affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide with a acetylation surrounding Lysine 9 and a phosphorylation surrounding serine 10 of human Histone H3.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

0.25 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 K9-Ac/pS10 antibody is tested for Western Blot, Dot Blot, and Immunocytochemistry/Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~15 kDa corresponding to Histone H3 protein by Western Blotting in NIH-3T3 histone prep lysate or the appropriate cell lysate or extract. Epi-Plus antibody production in collaboration with Novus Biologicals.

**Isotype**

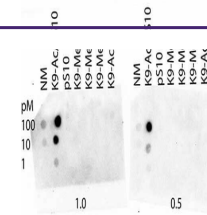
IgG

**Clonality**

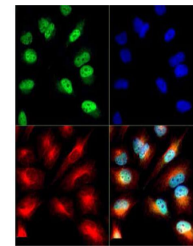
Polyclonal

**Purity**

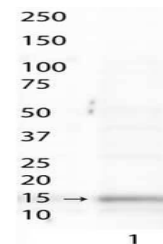
Anti-Histone H3 K9Ac/pS10 was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody reacts with human Histone H3. Cross-reactivity with other sources has not been determined.

**Uniprot ID**
[Q71DI3](#)
**NCBI**
[NP\\_001005464](#)


Dot Blot of Rabbit Histone H3 [ac Lys9/p...



Immunofluorescence of Histone H3 [ac Lys...



Western Blot of Histone H3 [ac Lys9/phos...