

Product Datasheet

Histone H3 [Methyl Lys27] Antibody - BSA Free NBP2-44208

Unit Size: 50 ug

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP2-44208

Histone H3 [Methyl Lys27] Antibody - BSA Free

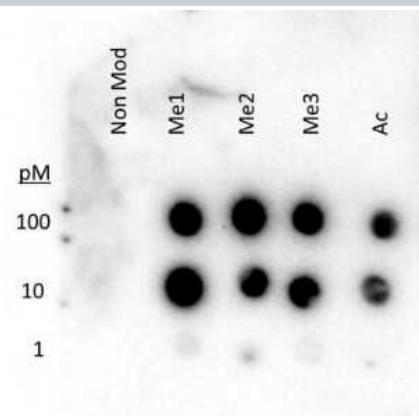
Product Information	
Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
Description	<p>Histone H3 K27 Methyl Antibody was purified from monospecific antiserum by protein A chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C 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 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human
Reactivity Notes	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 [methyl Lys27] from other sources has not been determined.
Specificity/Sensitivity	This antibody recognizes the Me1, Me2, Me3, and acetylated form of Lys27 for human Histone H3.
Immunogen	Histone H3 [Methyl Lys27] Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide surrounding the K27 me3 site of human Histone H3. (Uniprot: Q71DI3)

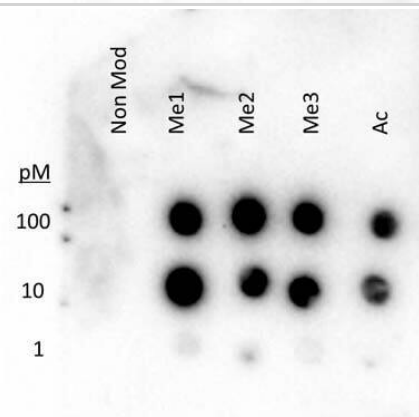
Product Application Details	
Applications	Western Blot, Dot Blot
Recommended Dilutions	Western Blot 1:1000, Dot Blot
Application Notes	This product has been tested by dot blot and is suitable for ELISA and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~15.4kDa corresponding to the appropriate cell lysate or extract.

Images

Dot Blot: Histone H3 [Methyl Lys27] Antibody [NBP2-44208] - Histone H3 [Methyl Lys 27] Antibody [NBP2-44208] - Lane 1: Unmodified. Lane 2: me1. Lane 3: me2. Lane 4: me3. Lane 5: ac. Load: 1, 10, and 100 picomoles of peptide.



Dot Blot of Rabbit Histone H3 [Methyl Lys27] Antibody. Lane 1: Unmodified. Lane 2: me1. Lane 3: me2. Lane 4: me3. Lane 5: ac. Load: 1, 10, and 100 picomoles of peptide. Primary antibody: Histone H3 [1-3 methyl, Lys27, ac] antibody at 0.5ug/ml for 45 min at 4C. Secondary antibody: Dylight(TM)488 rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4C.





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Products Related to NBP2-44208

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1251PEP	Histone H3 [Monomethyl Lys36] Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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