

MonoMethyl-Histone H3-R8 Antibody

CAB3156

Description

This MonoMethyl-Histone H3-R8 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB3156

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: H3t, H3.4, H3/g, H3FT, H3C16, HIST3H3, MonoMethyl-Histone H3-R8

Clone: -

Applications: WB IHC-P IF/ICC ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat, Other (Wide Range Predicted)

Antibody Data

Gene ID: 8290 8350

Uniprot: AB_2764950

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 17 kDa

Calculated MW: 15 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

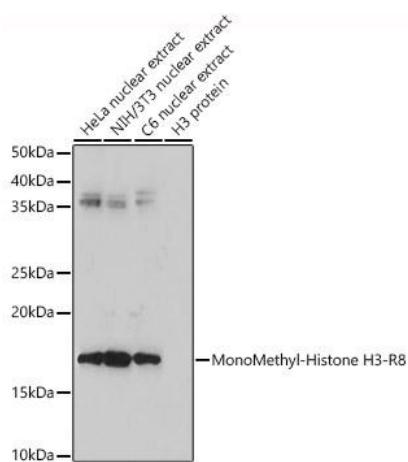
Positive Sample: HeLa, NIH/3T3, C6

Recommended Dilutions:

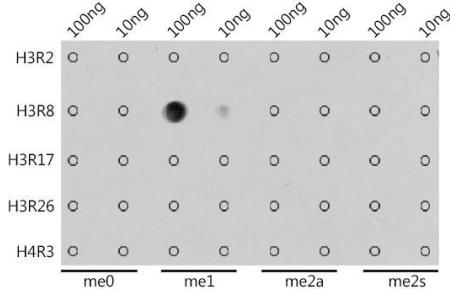
WB	1:100 - 1:500
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

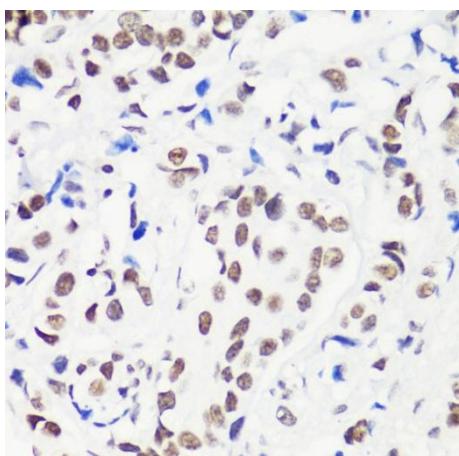
Validation Data



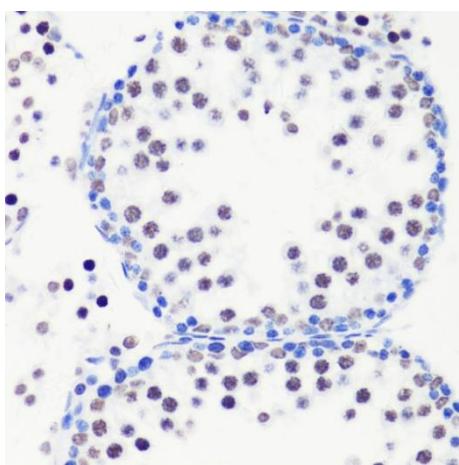
Western blot analysis of various lysates using MonoMethyl-Histone - Rabbit pAb (CAB3156) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 180s.



Dot-blot analysis of all sorts of methylation peptides using MonoMethyl-Histone - antibody (CAB3156) at 1:1000 dilution.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using MonoMethyl-Histone - Rabbit pAb (CAB3156) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using MonoMethyl-Histone - Rabbit pAb (CAB3156) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.