

## MonoMethyl-Histone H3-R2 Antibody

**CAB3154**

### Description

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This MonoMethyl-Histone H3-R2 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

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**SKU:** CAB3154

**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-R2

**Clone:** -

**Applications:** WB IF/ICC ELISA

**Conjugation:** Unconjugated

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

### Antibody Data

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**Gene ID:** 8290 8350

**Uniprot:** AB\_2764948

**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 containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

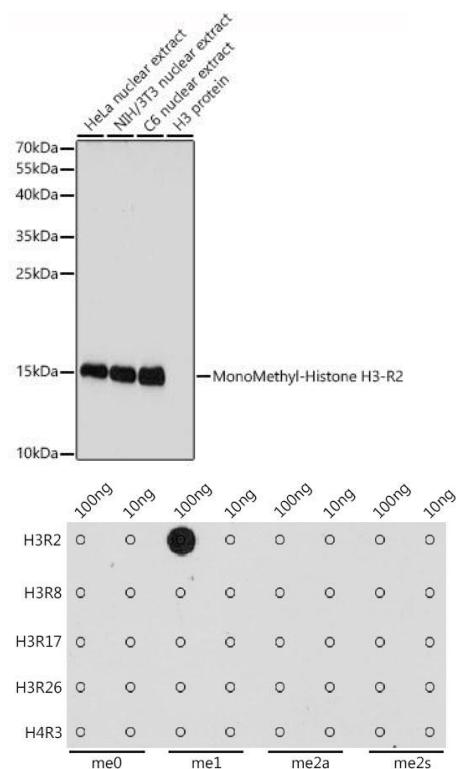
**Positive Sample:** HeLa, NIH/3T3, C6

**Recommended Dilutions:**

WB	1:500 - 1:1000
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 (CAB3154) at 1:1000 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 Basic Kit (AbGn00020). Exposure time: 20s.

Dot-blot analysis of all sorts of methylation peptides using MonoMethyl-Histone - antibody (CAB3154) at 1:1000 dilution.