

Histone H4 Monoclonal Antibody

CAB19815

Description

This Histone H4 Monoclonal 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: CAB19815

Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: H4/p, H4C1, H4C2, H4C3, H4C4, H4C5, H4C6, H4C8, H4C9, H4-16, H4C11, H4C12, H4C13, H4C14, H4C15, HIST4H4, Histone H4

Clone: ARC2340

Applications: WB IHC-P ELISA

Conjugation: Unconjugated

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

Antibody Data

Gene ID: 8359

Uniprot: -

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 11kDa

Calculated MW: 11kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, 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.

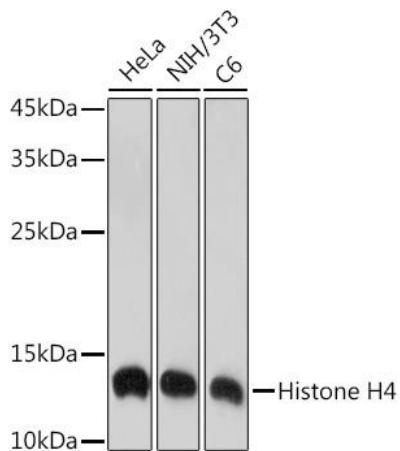
Positive Sample: HeLa, NIH/3T3, C6

Recommended Dilutions:

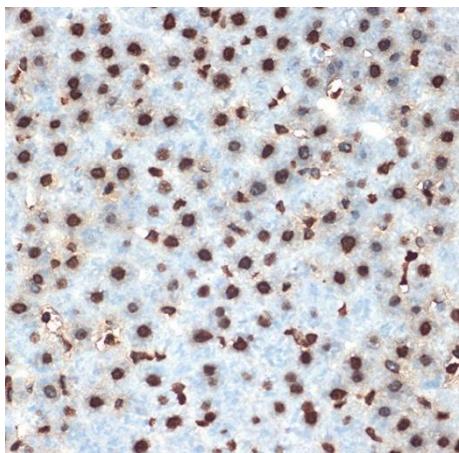
| | |
|--------------|---|
| WB | 1:1000 - 1:6000 |
| IHC-P | 1:100 - 1:1000 |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

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

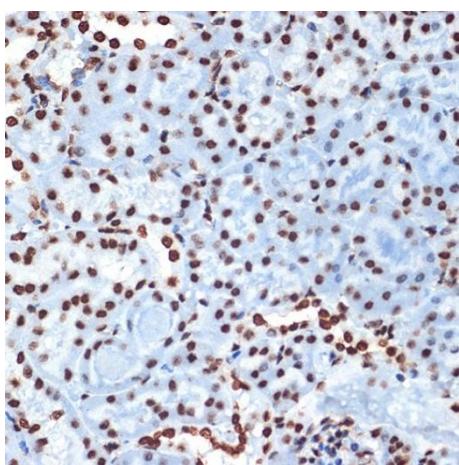
Validation Data



Western blot analysis of various lysates using Histone Rabbit mAb (CAB19815) 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 Enhanced Kit (AbGn00021). Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Rat liver using Histone Rabbit mAb (CAB19815) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Histone Rabbit mAb (CAB19815) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.