Histone H1.2 Monoclonal Antibody

CAB0646

Description

This Histone H1.2 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:	CAB0646
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	H1C, H1.2, H1F2, H1s-1, HIST1H1C, Histone H1.2
Clone:	ARC1836
Applications:	WB IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Other (Wide Range Predicted)

Antibody Data

Gene ID:	3006
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	32kDa
Calculated MW:	21kDa

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.

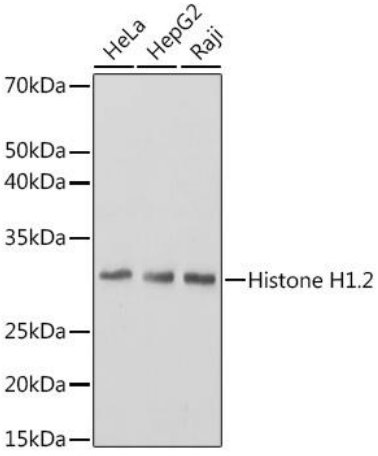
Positive Sample: HeLa, Hep G2, Raji

Recommended Dilutions:

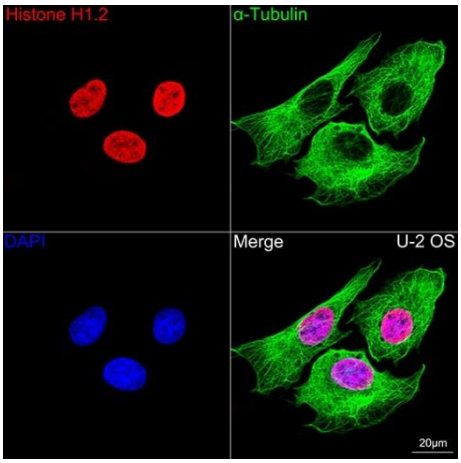
WB	1:1000 -1:5000
IF/ICC	1:50 - 1:500
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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.2 Rabbit mAb (CAB0646) at 1:3000 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: 1s.



Confocal imaging of U-2 OS cells using Histone.2 Rabbit mAb (CAB0646,dilution 1:100)(Red). The cells were counterstained with α-Tubulin Mouse mAb (CABC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.