

Phospho-Histone H1.3-T17/Histone H1.4-T17 Monoclonal Antibody

CABP1132

Description

This Phospho-Histone H1.3-T17/Histone H1.4-T17 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:	CABP1132
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	H1.3, H1D, H1F3, H1s-2, Phospho-Histone H1.3-T17/Histone H1.4-T17
Clone:	ARC0252
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	3007 3008
Uniprot:	AB_2864000
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	30 kDa
Calculated MW:	30 kDa

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.

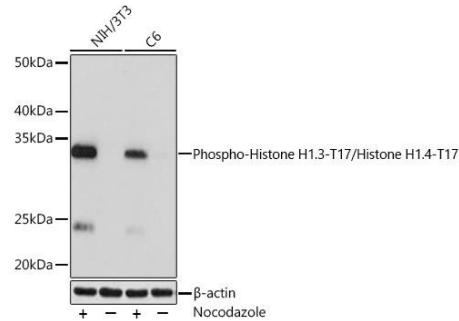
Positive Sample: NIH/3T3 treated with Nocodazole, C6 treated with Nocodazole, HeLa treated with Nocodazole

Recommended Dilutions:

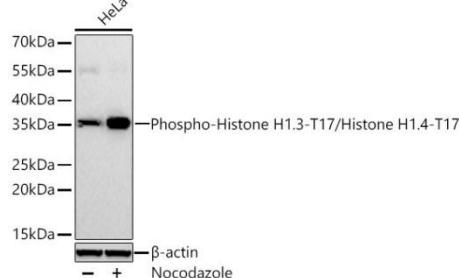
WB	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 Phospho-Histone.3-/Histone.4- Rabbit mAb (CABP1132) at 1:1000 dilution. Both NIH/3T3 cells and cells were treated with Nocodazole (50 ng/mL) at 37°C for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1 s.



Western blot analysis of lysates from HeLa cells using Phospho-Histone.3-/Histone.4- Rabbit mAb (CABP1132) at 1:2000 dilution incubated at room temperature for 1.5 hours. HeLa cells were treated with Nocodazole (100 ng/ml) at 37°C for 16 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 45 s.