

Lactic acid-Histone H3-K18 Antibody

CAB18807

Description

This Lactic acid-Histone H3-K18 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: | CAB18807 |
| Contents: | 20 µL, 100 µL Bradford Reagent: 1 vial (2ml) |
| Category: | Polyclonal Antibody |
| Synonyms: | H3/A, H3C2, H3C3, H3C4, H3C6, H3C7, H3C8, H3FA, H3C10, H3C11, H3C12, HIST1H3A, Lactic acid-Histone H3-K18 |
| Clone: | - |
| Applications: | WB ELISA DB |
| Conjugation: | - |
| Reactivity: | Human, Mouse, Rat, Other (Wide Range Predicted) |

Antibody Data

| | |
|-----------------------|-----------------------|
| Gene ID: | 8290 8350 |
| Uniprot: | AB_2862442 |
| Host Species: | Rabbit |
| Purification: | Affinity purification |
| Observed MW: | 17kDa |
| Calculated MW: | 15kDa |

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.

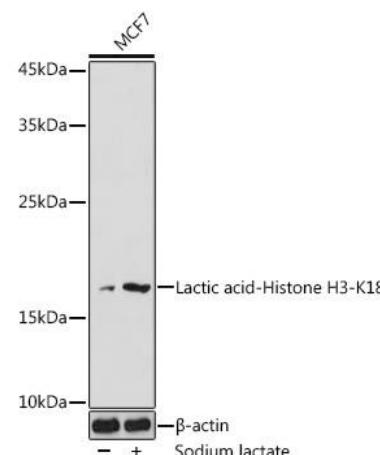
Positive Sample: MCF7 treated with Sodium lactate

Recommended Dilutions:

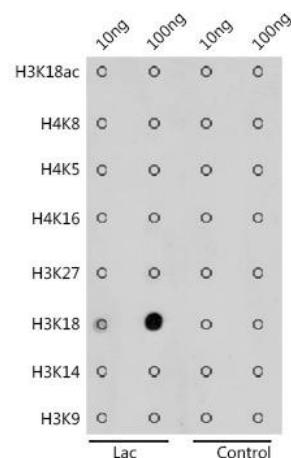
| | |
|--------------|---|
| WB | 1:500 - 1:2000 |
| DB | 1:500 - 1:4000 |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

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 lysates from cells, using Lactic acid-Histone - Rabbit pAb (CAB18807) at 1:500 dilution. cells were treated with Sodium lactate(100mM) for 24h. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5min.



Dot-blot analysis of all sorts of peptides using Lactic acid-Histone - antibody (CAB18807) at 1:1000 dilution.

