

Anti-H4K5la antibody (STJ11101520)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/DB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat/Other

PRODUCT PROPERTIES

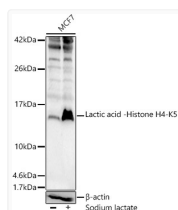
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 DB:1:500-1:4000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 11kDa Observed Mw: 14kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

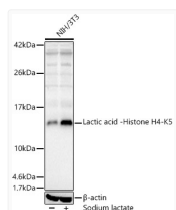
Gene ID	121504/554313/8294/8359/8360/8361/8362/8363/8364/8365/8366/8367/8368/8370
Gene Symbol	H4C1.H4C2.H4C3.H4C4.H4C5.H4C6.H4C8.H4C9.H4C11.H4C12.H4C13.H4C14.H4C15.H4C16
UniProt ID	H4_HUMAN
Immunogen Sequence	GRGKG
Specificity	A synthetic lactylated peptide around K5 of human Histone H4 (NP_003539.1).

ADDITIONAL INFORMATION

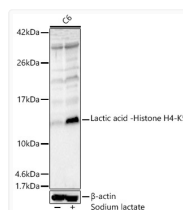
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



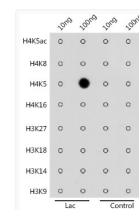
Western blot analysis of MCF7, using Lactic acid-Histone H4-K5 rabbit polyclonal antibody (STJ11101520) at 1:1000 dilution. MCF7 cells were treated by Sodium lactate (100mM) for 24h. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.



Western blot analysis of NIH/3T3, using Lactic acid-Histone H4-K5 rabbit polyclonal antibody (STJ11101520) at 1:1000 dilution. NIH/3T3 cells were treated by Sodium lactate (100mM) for 24h. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.



Western blot analysis of C6, using Lactic acid-Histone H4-K5 rabbit polyclonal antibody (STJ11101520) at 1:1000 dilution. C6 cells were treated by Sodium lactate (100mM) for 24h. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.



Dot-blot analysis of all sorts of peptides using Lactic acid-Histone H4-K5 antibody (STJ11101520) at 1:4000 dilution.