

A84004Mu01
Polyclonal Antibody to Histone Cluster 1, H4a (HIST1H4A)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
 NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: HIST1H4A

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Mouse

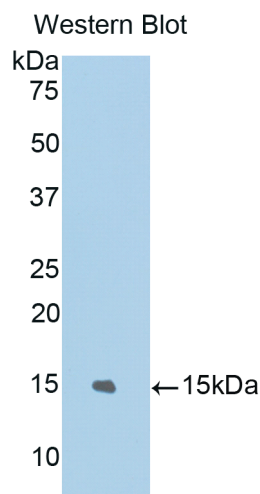
Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Form: Liquid

Size: 100µg



Sample: Recombinant mouse HIST1H4A

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant mouse HIST1H4A (Ser2~Gly103) expressed in *E. coli*.

Molecular Weight: 12.8kDa

USCN accession No.: P84004Mu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-SGRGKGGKG LGKGGAKRHR KVLRDNIQGI TKPAIRRLAR
 RGGVKRISGL IYEETRGVLK VFLENVIRDA VTYTEHAKRK TVTAMDVVYA LKRQGRTLYG
 FGG

Unique product **Superb quality** **Client favorite** **Nicest service**  **ISO9001:2008**;  **ISO13485:2003**; 

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[**ANTIBODY SPECIFICITY**]

Anti HIST1H4A is a rabbit polyclonal antibody raised against mouse HIST1H4A. This antibody has been selected for its ability to recognize mouse HIST1H4A in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[**APPLICATIONS**]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[**CONTENTS**]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[**QUALITY CONTROL**]

Content: The quality control contains recombinant mouse HIST1H4A (Ser2~Gly103) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemilumescient (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading buffer: 100mM Tris(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 0.02%.

[**STORAGE**]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.