

Anti-Acetyl-Histone H4 (Lys12) Antibody (8Z904)

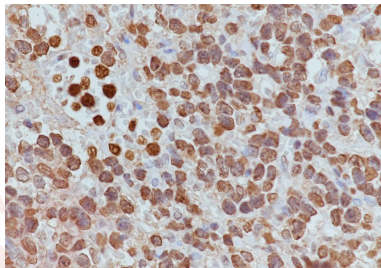
Product Details

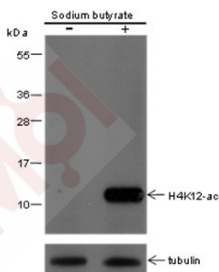
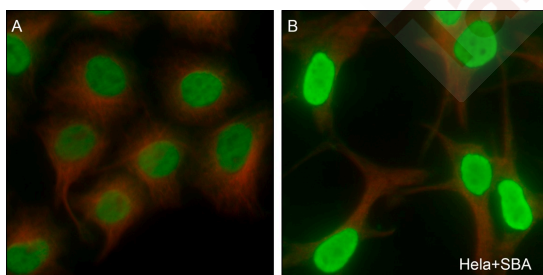
Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Clone:	8Z904
Purification:	Antigen Affinity purification

Applications

- 1. Tissue: Human neuroblastoma**
Section type: Formalin fixed & Paraffin-embedded section
Retrieval method: High temperature and high pressure
Retrieval buffer: Tris/EDTA buffer, pH9.0 Primary dilution: 1:200
Primary incubation condition: 1 hour at room temperature
Secondary: SP Kit (Mouse)
Counter stain: Hematoxylin (Blue)
Comment: Color brown is the positive signal for TMAB-00036
- 2. Cell line: HeLa**
Fixative: 4% Paraformaldehyde
Permeabilization: 0.1% TritonX-100
Primary dilution: 1:100
Primary incubation condition: 4°C overnight
Secondary: Goat Anti-Mouse IgG
Nuclear counter stain: DAPI (Blue)
Counter stain: Tubulin (Red)
Comment: Color green is the positive signal for TMAB-00036
- 3. Blocking buffer: 5% NFDm/TBST**
Primary dilution: 1:2000
Primary incubation condition: 2 hours at room temperature
Secondary: Goat Anti-Mouse IgG H&L (HRP)
Lysate: (-) HeLa, (+) HeLa+Sodium butyrate (30mM, 4hr)
Protein loading quantity: 20 µg
Exposure time: 60 s
Predicted MW: 11 kDa
Observed MW: 11 kDa

Verified Activity:





Application: ICC/IF,IF,IHC-Fr,IHC-P,WB

Recommended ICC/IF=1:50-100; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; WB=1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Synonyms:

H4/K;Acetyl-Histone H4 (K12);H4K12ac;H4/A;H4/G;H4/H;H4FJ;H4FI;H4FD;Ac-H4K12;H4/N; HIST1H4A;HIST1H4H;H4FH;H4FK;H4FB;H4/C;H4;HIST1H4E;H4FG;Ac-Histone H4 (Lys12);H4/E; HIST1;H4/D;Ac-Histone H4 (K12);HIST1H4I;HIST1H4F;H4FN;H4/J;HIST1H4B H4/I;Histone H4K12-acetylated;H4FC;H4/M;H4/B;H4FM;HIST1H4J;HIST1H4C;H4FA;H4F2;HIST1H4D;FO108;H4FE

Biology Area: Acetylated,ChIP antibodies

Research Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481