

Anti-Mono-methyl-Histone H4 (Lys20) Antibody (6L374)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human (predicted:Mouse,Rat)
Clone:	6L374
Purification:	Protein G purified

Applications

Verified Activity:	1. Cell line: HeLa
	Fixative: 4% Paraformaldehyde
	Permeabilization: 0.1% Triton X-100
	Primary Ab dilution: 1:100
	Primary incubation condition: 1 hours at room temperature
	Secondary Ab: Goat Anti-Mouse IgG
	Nuclear counter stain: DAPI (Blue)
	Counter stain: Tubulin (Red)
	Comment: Color green is the positive signal for TMAB-08940
	2. Blocking buffer: 5% NFDM/TBST
Primary Ab dilution: 1: 2000	
Primary Ab incubation condition: 2 hours at room temperature	
Secondary Ab: Goat Anti-Mouse IgG H&L (HRP)	
Lysate: HeLa, N2a, BRL, Mouse spleen, Mouse kidney	
Protein loading quantity: 20 µg	
Exposure time: 30 s	
Predicted MW: 11 kDa	
Observed MW: 11 kDa	
Application:	WB,ICC/IF
Recommended	WB: 1:500-2000; ICC/IF: 1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Gene ID: 8359

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

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