

# HIST1H2BA Mouse mAb

Catalog No.: A2354

2 Publications

## Basic Information

### Observed MW

14kDa

### Calculated MW

14kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat, Monkey, Zebrafish

## 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 replication-dependent histone that is a testis/sperm-specific member of the histone H2B family. Transcripts from this gene contain a palindromic termination element.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

255626

### Swiss Prot

Q96A08

### Immunogen

A synthetic peptide of human HIST1H2BA

### Synonyms

STBP; TH2B; H2BFU; TSH2B; hTSH2B; TSH2B.1; HIST1H2BA; bA317E16.3

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Mouse

### Isotype

IgG

### Purification

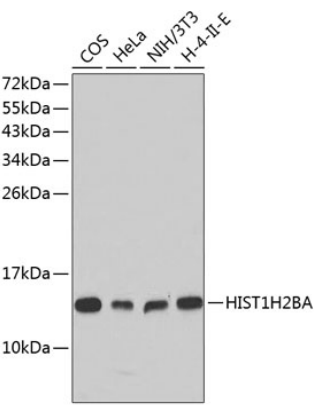
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of various lysates using HIST1H2BA Mouse mAb (A2354).  
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.