

A2354

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HIST1H2BA Mouse mAb

Catalog No.: A2354 **2 Publications**

Basic Information

Observed MW

14kDa

Calculated MW

14kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,ELISA

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

 www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG

Purification

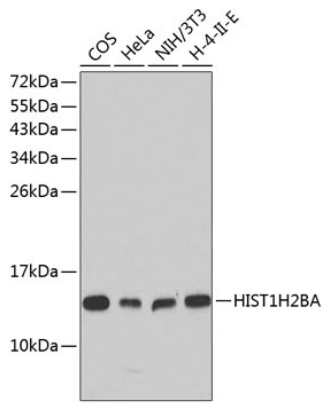
Affinity purification

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.