
Histone H1.0 Recombinant Rabbit mAb

Catalog Number: bsm-52095R

Target Protein: Histone H1.0

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Isotype: IgG

Applications: WB (1:1000-2000), IHC-P (1:100-500), IHC-F (1:50-200), ICC/IF (1:50-200), IF (1:50-200)

Reactivity: Human, Mouse, Rat

Predicted MW: 21 kDa

Entrez Gene: 3005

Swiss Prot: P07305

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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-independent histone that is a member of the histone H1 family. [provided by RefSeq, Oct 2015]

PRODUCT SPECIFIC PUBLICATIONS

[IF=2.21] Qiangbin Zhu. et al. Expression of histone H1 in rats with traumatic brain injury and the effect of the NLRP3 inflammasome pathway. WORLD NEUROSURG. 2022 Dec;; WB ; Rat . 36509326