bsm-54176R **[Primary Antibody]**

Histone H1.2 Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 9C9
GeneID: 3006
SWISS: P16403
Target: Histone H1.2
Purification: affinity purified by Protein A
Concentration: 1mg/ml
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 responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq, Aug 2015]

Applications: **WB** (1:500-2000)
IHC-P (1:50-200)
IHC-F (1:50-200)
IF (1:50-200)
ICC/IF (1:50-200)
Reactivity: Human, Mouse, Rat
Predicted MW.: 21 kDa
Subcellular Location: Nucleus

SELECTED CITATIONS

- **[IF=24.3]** Jianyou Gu. et al. The Role of Histone H1.2 in Pancreatic Cancer Metastasis and Chemoresistance. DRUG RESIST UPDATE. 2023 Nov;:101027 IHC ;Human. 10.1016/j.drup.2023.101027