

## MonoMethyl-Histone H3 (Lys4) Recombinant Rabbit mAb

Catalog: BS43028

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

17 kDa

### Swiss-Prot:

P68431

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000-1:5000 &lt;br /&gt; IHC: 1:200-1:1000 &lt;br /&gt;

&lt; /&gt; ICC/IF: 1:200-1:1000

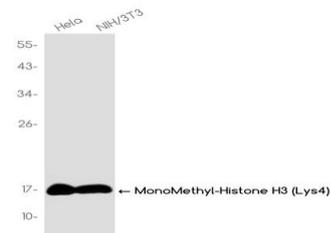
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot analysis of extracts from HeLa, 3T3 cells using BS43028 at 1: 1000.

### Note:

For research use only, not for use in diagnostic procedure.

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