

## Histone H3 Monoclonal Antibody(Mix)

### Description

Product type	Primary Antibody
Code	BT-MCA0713
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Histone H3
Mol wt	15273
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Histone H3.2
Synonyms	HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3; a; Histone H3; b; Histone H3; c; Histone H3; d; Histone H3; f; Histone H3; h; Histone H3; i; Histone H3; j; Histone H3; k; Histone H3; l; HIST2H3A; HIST2H3C; H3F2; H3FM; HIST2H3D; Histone H3.2; Histone H3; m; Histone H3; o; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

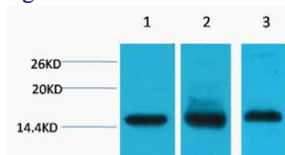
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The 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 member of the histone H3 family. Transcripts from this gene lack polyA tails| instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.

### Recommended Dilution

WB: 1:1000-3000

Not yet tested in other applications.

### Images



Western blot analysis of 1) HeLa, 2) Raw 264.7, 3) Rat Testis tissue diluted at 1:1000.

### Storage

-20°C for one year