

## Histone H3 Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0711
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthetic Peptide of Histone H3
<b>Mol wt</b>	15273
<b>Species reactivity</b>	Zebrafish
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Histone H3.2
<b>Synonyms</b>	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

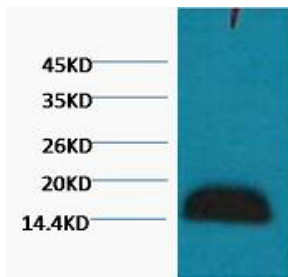
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The 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 Zebrafish skeletal muscle diluted at 1:2000.

### Storage

-20°C for one year

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