

## 10-6619: Mouse Monoclonal Antibody to Histone H3 (Clone: 809CT10.4.2)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	809CT10.4.2
<b>Application :</b>	WB
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	HIST1H3A
<b>Gene ID :</b>	8350;8351;8352;8353;8354;8355;8356;8357;8358;8968
<b>Uniprot ID :</b>	P68431
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Histone H31, 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, HIST1H3A, H3FA
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Recombinant Protein

### Description

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 Info

<b>Amount :</b>	80 µl / 400 µl
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
<b>Storage condition :</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

### Application Note

WB~1:2000

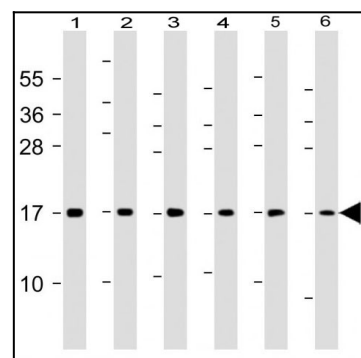


Figure 1: All lanes : Anti-Histone H3 Antibody (10-6619) at 1:2000 dilution with Lane 1: A431 whole cell lysate, Lane 2: C2C12 whole cell lysate, Lane 3: C6 whole cell lysate, Lane 4: Hela whole cell lysate, Lane 5: MCF-7 whole cell lysate, Lane 6: SK-BR-3 whole cell lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 15 kDa.