

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

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

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	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

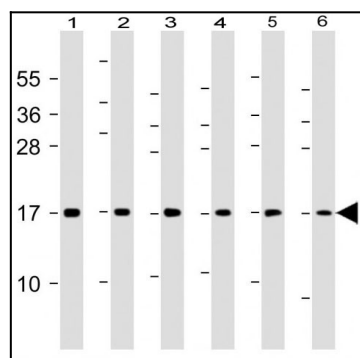


Figure 1: All lanes : Anti-Histone H3 Antibody (10-6619) at 1:2000 dilution with Lane 1: A431 whole cell lysate, Lane 2: C2C12 whole cell lysate, Lane 3: C6 whole cell lysate, Lane 4: Hela whole cell lysate, Lane 5: MCF-7 whole cell lysate, Lane 6: SK-BR-3 whole cell lysates/proteins at 20 µg per lane.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