

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

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 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

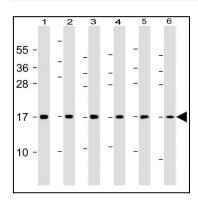


Figure 1: All lanes : Anti-Histone H3 Antibody (10-6619) at 1:2000 dilution with Lane 1: A431 whole cell lysate, Lane 2: C2C12 whole cell lysate, Lane 3: C6 whole cell lysate, Lane 4: Hela whole cell lysate, Lane 5: MCF-7 whole cell lysate, Lane 6: SK-BR-3 whole cell lysates/proteins at 20 μ g per lane.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