

CERTIFICATE OF ANALYSIS

Histone H2B (S112) PAb

Cat. #: GS0022

Lot: A041

Package size: 0.1 ml

Description Rabbit polyclonal antibody to human Histone H2B (H2B, NP_001019770.1) modified at serine 112 (S112) with an O-linked N-acetylglucosamine (O-GlcNAc). GS0022 preferentially binds to the O-GlcNAcylated version of histone H2B. Amino acid sequence of the region flanking S112 suggests cross-reactivity with histone H2B of multiple species including mouse, rat, chicken, hamster and primates.

Tested applications ELISA

Target sequence ELAKHAVS(O-GlcNAc)EGTKA

Isotype Mixed, predominantly IgG.

Storage buffer PBS, pH 7.2-7.5.

Storage Frozen (-20°C or lower). Store at 4°C when thawed or aliquot and refreeze. Avoid repeated freeze/thaw cycles.

Example applications

ELISA ELISA plates were coated with the peptides indicated in the graph below, conjugated to BSA, and detected with dilutions of GS0022. The secondary antibody is a goat anti-rabbit whole IgG.

