

Product Data Sheet

Anti-Histone H3 (Phospho-S10) Antibody

Catalog # Source Reactivity Applications

CQA9357 Mouse H, M WB

Description Mouse monoclonal antibody to Histone H3 (Phospho-S10)

Immunogen KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding

S10 of human Histone H3 protein. The exact sequence is proprietary.

Purification This antibody is purified through a protein G column.

Specificity Recognizes endogenous levels of Histone H3 protein only when phosphorylated at

S10.

Clonality Monoclonal

Conjugation

Form Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Dilution WB (1/500 - 1/1000)

Gene Symbol H3F3A; H3F3B

Alternative Names H3.3A; H3F3; H3.3B; Histone H3.3

Entrez Gene 30203021 (Human); 1507815081 (Mouse)

SwissProt P84243 (Human); P84244 (Mouse)

Storage/Stability Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid

freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

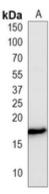
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Western blot analysis of Histone H3 (Phospho-S10) expression in HL60 treated with 100nM of calyculin (A) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 17 kD)

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