



Histone H3.3 (Phospho-Ser31) Antibody

E11-0792A**Catalog Number:** E11-0792A**Concentration:** 1mg/ml**Swiss-Prot No.:** P84243**Other Names:** CG5825, H3.3Q, H3.A, H3.B, H33, H3F3A, H3F3B, HIS3.3A, HIS3.3B ORCG8989, HISH3-3Q, Histone H3.3**All Sites:** Human: Ser31; Mouse: Ser31; Rat: Ser31**Storage/Stability:** Store at -20°C/1 year**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Histone H3.3 around the phosphorylation site of serine 31 (A-P-S^P-T-G).**Purification:** The antibody was affinity-purified from

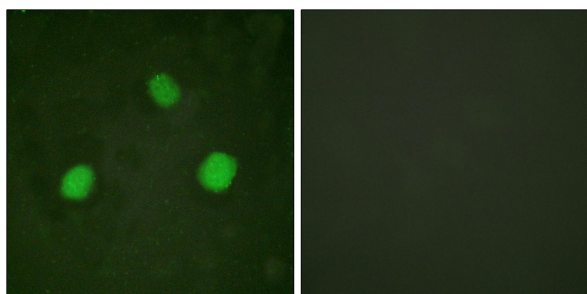
rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: Histone H3.3 (Phospho-Ser31) antibody detects endogenous levels of Histone H3.3 only when phosphorylated at serine 31.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:500~1:2000 IF: 1:100~1:500
ELISA: 1:20000**References:**

Albig W., Genomics 30:264-272(1995).

Wan D., Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).

Gregory S.G., Nature 441:315-321(2006).



P-peptide

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Immunofluorescence analysis of HeLa cells, using
Histone H3.3 (Phospho-Ser31) antibody.

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