



HistoneH2A(Phospho-Thr121) Antibody

E11-8247A

Catalog Number: E11-8247A

Concentration: 1mg/ml

Swiss-Prot No.:

P0C0S8/P04908/P20671/Q96KK5/Q6FI13/Q7L7L0

Other Names: H2A.1b; H2A/c; H2A/d; H2A/i; H2A/n;
H2A/p; H2A1; H2AC; H2AFC; H2AFD ANDHIST1H2AL;
H2AFI; H2AFN ANDHIST1H2AG; H2AFP; HIST1H2AI;
HIST1H2AJ; HIST1H2AM; Histone H2A.c/d/i/n/p

All Sites: Human: Thr121; Mouse: Thr121; Rat: Thr121

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 H2A around the phosphorylation site of threonine 121 (K-K-T^P-E-S).

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.

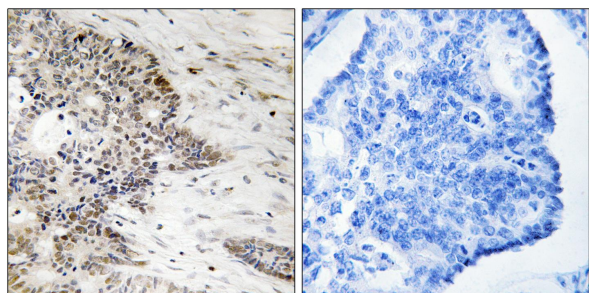
Specificity: Histone H2A (Phospho-Thr121) antibody detects endogenous levels of Histone H2A only when phosphorylated at threonine 121.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)

Applications: WB: 1:500~1:2000 IHC: 1:50~1:100
ELISA: 1:10000

References:

Albig W., Hum. Genet. 101:284-294(1997).
Albig W., Biol. Chem. 380:7-18(1999).
Dobner T., DNA Seq. 1:409-413(1991).



P-peptide - +
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Histone H2A (Phospho-Thr121) antibody.

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