



TOP2A (Phospho-Ser1106) Antibody

E11-1130A

Catalog Number: E11-1130A

Concentration: 1mg/ml

Swiss-Prot No.: P11388

Other Names: alpha isozyme; DNA topoisomerase II;
DNA topoisomerase II-alpha; EC 5.99.1.3; P11388-1;
TOP-2; TOP2; TOP2A; TP2A

All Sites: Human: Ser1106; Mouse: Ser1105

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 TOP2A
around the phosphorylation site of serine 1106
(E-E-S^P-D-N).

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: TOP2A (Phospho-Ser1106) antibody detects
endogenous levels of TOP2A only when phosphorylated
at serine 1106.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 90%, Positives = 90%)

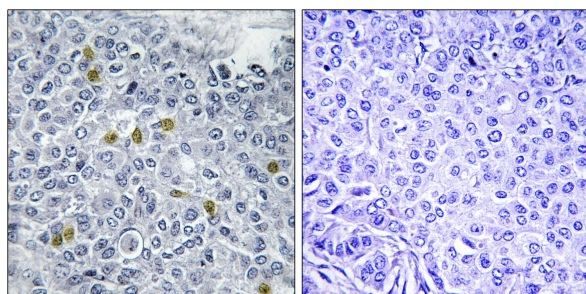
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:10000

References:

Tsai-Pflugfelder M., Proc. Natl. Acad. Sci. U.S.A.
85:7177-7181(1988).

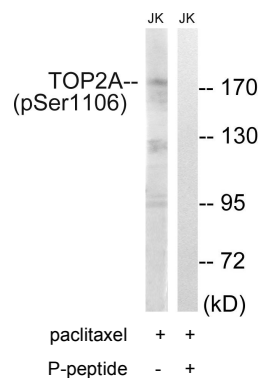
Wasserman R.A., Cancer Res. 53:3591-3596(1993).

Lang A.J., Gene 221:255-266(1998).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded
human breast carcinoma tissue using TOP2A (Phospho-
Ser1106) antibody.



Western blot analysis of extracts from Jurkat cells, treated
with paclitaxel (1uM, 24hours), using TOP2A (Phospho-
Ser1106) antibody.

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