



Retinoic Acid Receptor α (Phospho-Ser77) Antibody

E11-8217A

Catalog Number: E11-8217A

Concentration: 1mg/ml

Swiss-Prot No.: P10276

Other Names: NR1B1; RAR- α ; Retinoic acid receptor α ; retinoic acid receptor, α ; RRA

All Sites: Human: Ser77; Mouse: Ser77; Rat: Ser74

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Retinoic Acid Receptor α around the phosphorylation site of serine 77 (P-P-S^P-P-P).

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: Retinoic Acid Receptor α (Phospho-Ser77) antibody detects endogenous levels of Retinoic Acid Receptor α only when phosphorylated at serine 77.

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

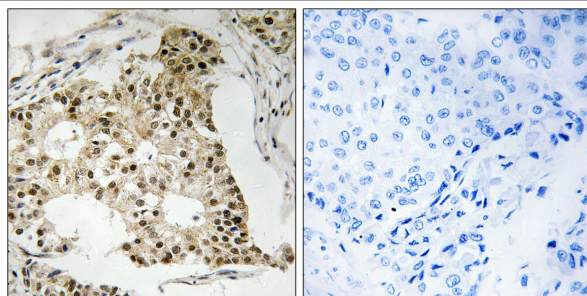
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000

References:

Giguere V., *Nature* 330:624-629(1987).

Chen Z., *Proc. Natl. Acad. Sci. U.S.A.* 91:1178-1182(1994).

Hjalt T.A.H., *Mamm. Genome* 10:528-529(1999).

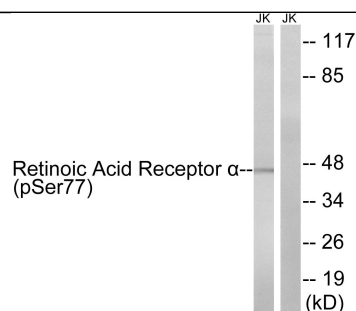


P-peptide

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+

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Retinoic Acid Receptor α (Phospho-Ser77) antibody.



PMA

+

+

P-peptide

-

+

Western blot analysis of extracts from Jurkat cells treated with PMA (125ng/ml, 30mins), using Retinoic Acid Receptor α (Phospho-Ser77) antibody.

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