



## Raf1 (Phosph-Ser338) Antibody

#11204

**Catalog Number:** 11204-1, 11204-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** P04049

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

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

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Raf1 around the phosphorylation site of serine 338 (R-D-S<sub>p</sub>-S-Y).

**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/Sensitivity:** Raf-1 (phospho-Ser338) antibody detects endogenous levels of Raf-1 only when phosphorylated at serine 338.

**Reactivity:** Human, Mouse,

**Applications:**

Predicted MW: 73 kd

WB: 1:500~1:1000



0    5    10    20    30    60 min

Western blot analysis of extracts from MDA-MB-435 cells treated with PMA using

Raf1 (phospho-Ser338) antibody (#11204).

**Background :** Involved in the transduction of mitogenic signals from the cell membrane to the nucleus. Part of the Ras-dependent signaling pathway from receptors to the nucleus. Protects cells from apoptosis mediated by STK3.

**References:**

Adams DG, et al. (2005) J Biol Chem. 280(52):42644-54.

Miura S, et al. (2003) Biochem Biophys Res Commun. 306(4):924-9.

Noser JA, et al. (2007) Mol Ther. 15(8):1531-6.