



## p38 MAPK (Phospho-Tyr182) Antibody

E011253

**Catalog Number:** E011253-1, E011253-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** Q16539

**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.

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

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human p38 MAPK around the phosphorylation site of tyrosine 182 (T-G-Y<sup>P</sup>-V-A).

**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:** p38 MAPK (phospho-Tyr182) antibody detects endogenous levels of P38MAPK only when phosphorylated at tyrosine 182.

**Reactivity:** Human, Mouse, Rat

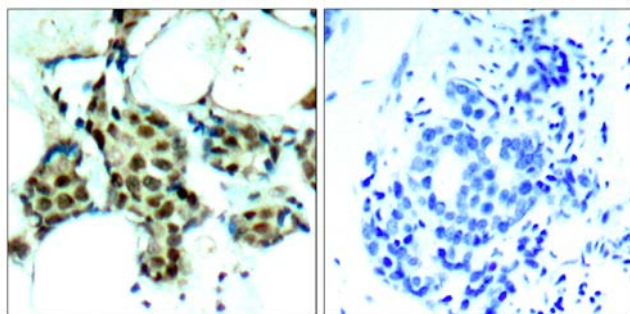
**Applications:** WB: 1:500~1:1000 IHC: 1:50-1:100

**References:** Ming Zheng, et al.(2005) The FASEB Journal. 19: 109-111

Bernt van den et al.(2001) Blink Immunology, 166: 582-587

Arshad Rahman, et al. (2004) Am J Physiol Lung Cell Mol Physiol 287: L1017-L1024

Osamu Yoshino, et al. (2003) Endocrinology & Metabolism Vol. 88: 2236-2241

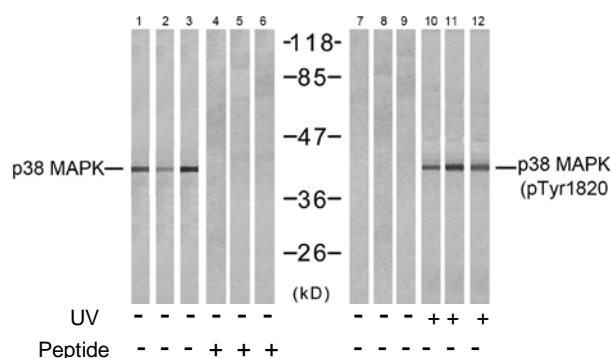


P-Peptide

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Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using P38 MAPK (phospho- Tyr182) antibody (E011253).



Western blot analysis of extracts from NIH-3T3 (Line 1, 4, 7 and 10) and cos7 (Line 2, 5, 8 and 11 and K562 (Line 3, 6, 9 and 12) cells, untreated or treated with UV (20min), using P38 MAPK (Ab-182) antibody (E021245, Lane 1, 2, 3, 4, 5 and 6) and P38 MAPK (phospho- Tyr182) antibody (E011253, Lane 7, 8, 9, 10, 11 and 12).

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