p38MAPK (Phospho-Thr179+Tyr181) Antibody

E11-0799A

Catalog Number: E11-0799A

Concentration: 1mg/ml

Swiss-Prot No.: Q16539

Other Names: CRK1, CSAID binding protein, CSBP, CSBP1, CSBP2, Cytokine suppressive anti- inflammatory drug binding protein, EC 2.7.11.24, MAP kinase MXI2, MAP kinase p38, MAPK14, MAX-interacting protein 2, MK14, MXI2, Mitogen-activated protein kinase 14, Mitogen-activated protein kinase p38, kinase p38-alpha

All Sites: Human: Thr179+Tyr181; Mouse: Thr179+Tyr181; Rat: Thr179+Tyr181

Storage/Stability: Store at -20 ℃/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 p38 MAPK around the phosphorylation site of threonine 179 and tyrosine 181 (E-M-T^P-G-Y^P-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.

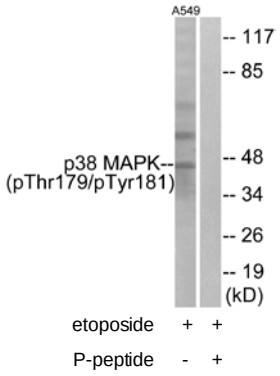
Specificity: p38 MAPK (Phospho-Thr179+Tyr181) antibody detects endogenous levels of p38 MAPK only when phosphorylated at threonine 179 and tyrosine 181.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 ELISA: 1:5000

References:

Lee J.C., Nature 372:739-746(1994).
Han J., Biochim. Biophys. Acta 1265:224-227(1995).
Zervos A.S., Proc. Natl. Acad. Sci. U.S.A. 92:10531-10534(1995).



Western blot analysis of extracts from A549 cells, treated with etoposide (25uM, 24hours), using p38 MAPK (Phospho-Thr179+Tyr181) antibody.

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