



p44/42 MAP Kinase (Phospho-Tyr204) Antibody

E11-7074A

Catalog Number: E11-7074A

Amount: 100µg/100µl

Swiss-Prot No. : P27361

All Names: Extracellular signal-regulated kinase 1, ERK-1, Insulin-stimulated MAP2 kinase, MAP kinase 1, MAPK 1, p44-ERK1, ERT2, p44-MAPK, Microtubule-associated protein 2 kinase

All Sites: Human: Tyr204; Mouse: Tyr204; Rat: Tyr204

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 p44/42 MAP Kinase around the phosphorylation site of tyrosine 204 (T-E-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/Sensitivity: p44/42 MAP Kinase (Phospho-Tyr204) antibody detects endogenous levels of p44/42 MAP Kinase only when phosphorylated at tyrosine 204.

Reactivity: Human, Mouse, Rat

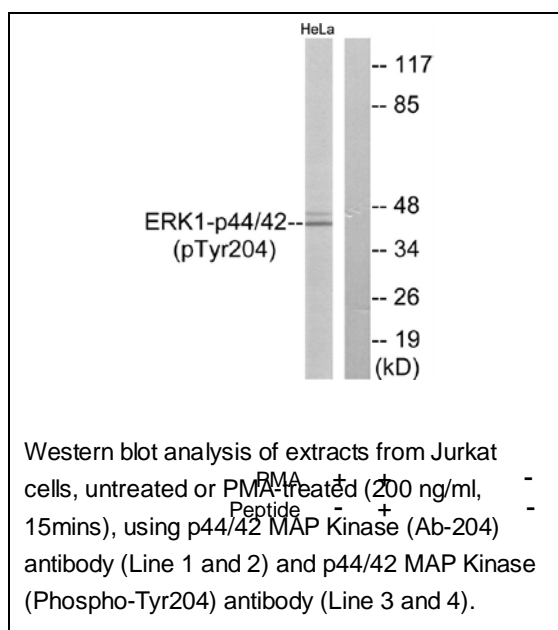
Applications: WB: 1:500~1:1000 ELISA: 1:10000

References: Jun Tan, et al. (2000) J. Biol. Chem; 275: 37224.

Tete Hannken, et al. (2000) J. Am. Soc. Nephrol; 11: 1387.

Jun Tan, et al. (1999) J. Immunol; 163: 6614.

Reinoud Gosens, et al. (2006) Am J Physiol Lung Cell Mol Physiol; 291: L523-L534.



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