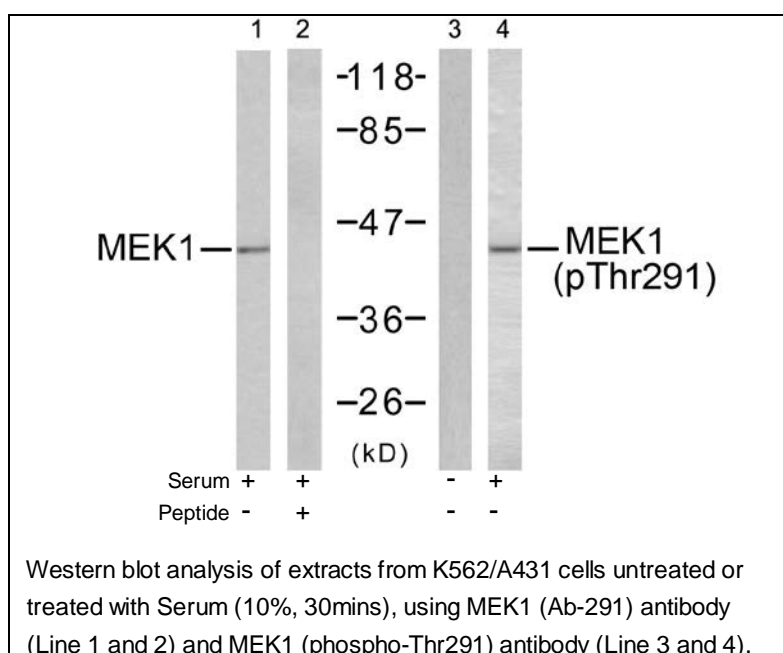




MEK1 (Phospho-Thr291) Antibody

E11-7148A

- Catalog Number:** E11-7148A
- Amount:** 100µg/100µl
- Swiss-Prot No.:** Q02750
- All Names:** MAP2K1, Dual specificity mitogen-activated protein kinase kinase 1
- All Sites:** Human: Thr 291; Mouse: Thr291; Rat: Thr291
- Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 MEK1 around the phosphorylation site of threonine 291 (P-R-T^P-P-G).
- 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:** MEK1 (phospho-Thr291) antibody detects endogenous levels of MEK1 only when phosphorylated at threonine 291.
- Reactivity:** Human, Mouse, Rat
- Applications:** WB: 1:500~1:1000 ELISA: 1:10000
- References:** Kevin D. Burroughs, et.al. (2003) Mol. Cancer Res; 1: 312.
Michael J. Piatelli, et.al. (2002) J. Biol. Chem; 277: 12144-12150.
Margaret M. Morgan, et.al. (2001) J. Immunol; 167: 5708.
Herbert Schramek, et.al. (2003) Am J Physiol Cell Physiol; 285: C652-C661.



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