Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (D13.14.4E) XP® Rabbit mAb

For Research Use Only. Not For Use In Diagnostic Procedures.

**Recommended Antibody Dilutions:**

- Western blotting: 1:2000
- Immunoprecipitation: 1:50
- Immunohistochemistry: 1:400
- Immunofluorescence (Paraffin): 1:200
- Flow Cytometry: 1:800

**Source/Purification:** Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Thr202/Tyr204 of human p44 MAP kinase.

**Applications Key:**
- W—Western
- IP—Immunoprecipitation
- IHC—IHC
- IF—Immunofluorescence
- CMIP—Chromatin Immunoprecipitation
- IF—Immunofluorescence
- F—Flow cytometry
- E—ELISA

**Species Cross-Reactivity Key:**
- H—human
- M—mouse
- R—rat
- Mm—marmoset
- Mb—monkey
- C—chicken
- Dm—Drosophila
- X—Xenopus
- Z—zebrafish
- B—bovine

**Species Enclosed in Parentheses are Predicted to React Based on 100% Homology.**

**Storage:** Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.

**Recommended Companion Products:**
- SignalStain® Antibody Diluent #8114
- SignalStain® Boost (HRP, Rabbit) #8114
- DRAQ5®

**Application Specific:**
- Western blotting: Incubate membrane with antibody for 1h at 4°C with gentle shaking.
- Immunoprecipitation: Incubate membrane with antibody for 1h at 4°C with gentle shaking.
- Immunohistochemistry: Incubate tissue sections with antibody for 1h at 4°C with gentle shaking.
- Immunofluorescence: Incubate cells or tissues with antibody for 1h at 4°C with gentle shaking.

**IMPORTANT:** For western blots, incubate membrane with diluted antibody in 5% w/v BSA, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight.

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- info@cellsignaling.com

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**Entrez-Gene ID #:**
- 5595, 5594

**Swiss-Prot Acc.:**
- # P27361, P28482

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**Recombinant Human Tpl2**

**DENV + Dengue virus**

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Background References:


Immunohistochemical analysis of paraffin-embedded human lung carcinoma, untreated (upper) or λ-phosphatase-treated (lower), using Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (D13.14.4E) XP® Rabbit mAb #4370 (green) and S6 Ribosomal Protein (54D2) Mouse mAb #2317 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).