

# MEK-1/2(Phospho Ser222/226) Polyclonal Antibody

## Description

Product type Primary Antibody

Code BT-AP11251

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human MEK1/2 around the

phosphorylation site of Ser221. AA range:193-242

Mol wt 43439

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Dual specificity mitogen-activated protein kinase kinase 1/2

Synonyms Dual specificity mitogen-activated protein kinase kinase 1/2; MAP2K1; MEK1; PRKMK1; Dual specificity

mitogen-activated protein kinase kinase 1; MAP kinase kinase 1; MAPKK 1; MKK1; ERK activator kinase 1; MAPK/ERK kinase 1; MEK 1; MAPZK2; MEK2; MKK2; PRKMK2; Dual specificity mitogen-activated

protein k

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

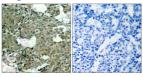
The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra-and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development.

## Recommended Dilution

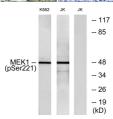
WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 ELISA: 1: 20000

Not yet tested in other applications.

### **Images**



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using MEK1/2 (Phospho-Ser221) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from K562 cells treated with serum 20%~15' and Jurkat cells treated with EGF, using MEK1/2 (Phospho-Ser221) Antibody. The lane on the right is blocked with the phospho peptide.

## Storage

-20°C for 1 year

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