

# MEK1 2(Phospho-Ser218 + Ser222) Antibody HRP Conjugated

Catalog No: #C04589H

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## Description

Product Name	MEK1 2(Phospho-Ser218 + Ser222) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WBB
Species Reactivity	HuB MsB RtB B B B
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 180-230 393 derived from human MEK1 around the phosphorylation site of Ser218 222
Conjugates	HRP
Target Name	MEK1 2 Ser218 + Ser222
Other Names	MAP2K1phospho S218 S222; Dual specificity mitogen activated protein kinase kinase 1; ERK activator kinase 1; MAP kinase kinase 1; MAP kinase Erk kinase 1; MAP Erk kinase 1; Map2K1; MAPK ERK kinase 1; MAPKK 1; MAPKK1; MEK 1; MEKK1; Mitogen activated protein kinase kinase 1; MKK 1; MKK1; PRKMK 1; PRKMK1
Accession No.	NCBI Gene ID56045605
GeneID	56045605
Excitation Emission	N A
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

WB=1:500-2000B B

## 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.

Note: This product is for in vitro research use only