

# Phospho-MEK1/MEK2-S217/S221 Rabbit mAb

Catalog No.: AP1349    Recombinant    8 Publications

## Basic Information

### Observed MW

45kDa

### Calculated MW

40kDa/43kDa/44kDa

### Category

Primary antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Clone/No. number

ARC55711

## 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 Dilutions

WB	1:2000 - 1:10000
IP	1μg-4μg antibody for 800μg-1000μg extracts of whole cells
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5604/5605

### Swiss Prot

Q02750/P36507

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

MEK1/MEK2; Phospho-MEK1/MEK2-S217/S221

## Contact

	400-999-6126
	cn.market@abclonal.com.cn
	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

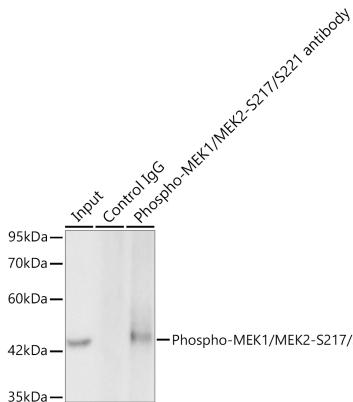
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Immunoprecipitation of Phospho-MEK1/MEK2-S217/S221 from 1000 µg extracts of HeLa cells treated with PMA (200nM, 1h) was performed using 2 µg of Phospho-MEK1/MEK2-S217/S221 Rabbit mAb (AP1349). Rabbit IgG isotype control (AC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Phospho-MEK1/MEK2-S217/S221 Rabbit mAb (AP1349) at a dilution of 1:5000.

