

**Product Name: Phospho-MEK1 (Ser298) Rabbit
Monoclonal Antibody
Catalog #: AMRe84867**

Summary

Production Name	Phospho-MEK1 (Ser298) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Phospho-MEK1 (Ser298)
Alternative Names	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
Gene ID	5604.0
SwissProt ID	Q02750.A synthetic phosphopeptide corresponding to residues surrounding Ser298 of human MEK1

Application

Dilution Ratio	WB:1:500-1:1000, ICC:1:50-1:200
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Molecular Weight

Calculated MW: 43 kDa; Observed MW: 43 kDa

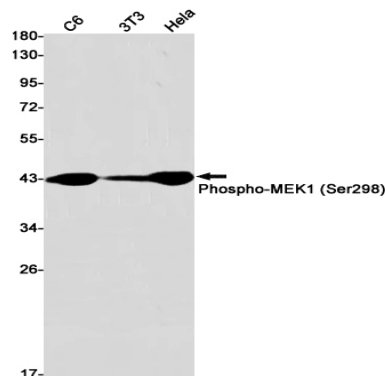
Background

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.

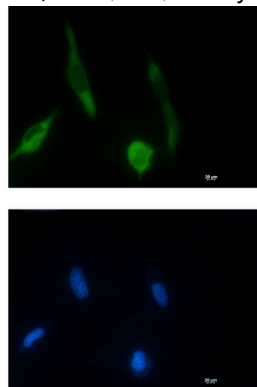
Research Area

TGF-beta signaling pathway, PI3K-Akt signaling pathway, mTOR signaling pathway, MAPK signaling pathway, Jak-STAT signaling pathway

Image Data



Western blot analysis of Phospho-MEK1 (Ser298) in C6, 3T3, HeLa lysates using Phospho-MEK1 (Ser298) antibody.



Immunocytochemistry analysis of Phospho-MEK1 (Ser298) (green) in HT-1080 using Phospho-MEK1 (Ser298) antibody, and DAPI (blue).

Note

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