

## Summary

<b>Production Name</b>	MEK1/2 Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	MAP2K1/MAP2K2 MAP2K1; MEK1; PRKMK1; Dual specificity mitogen-activated protein kinase kinase 1;
<b>Alternative Names</b>	MAP kinase kinase 1; MAPKK 1; MKK1; ERK activator kinase 1; MAPK/ERK kinase 1; MEK 1; MAP2K2; MEK2; MKK2; PRKMK2; Dual specificity mitogen-activated protein k
<b>Gene ID</b>	5604/5605
<b>SwissProt ID</b>	Q02750/P36507

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
<b>Molecular Weight</b>	Calculated MW: 43,44 kDa; Observed MW: 43,44 kDa

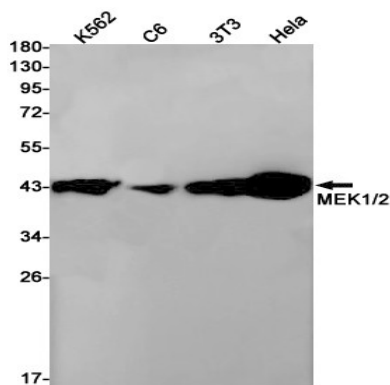
## Background

Dual specificity protein kinase which acts as an essential component of the MAP kinase signal transduction pathway. Binding of extracellular ligands such as growth factors, cytokines and hormones to their cell-surface receptors activates RAS and this initiates RAF1 activation. RAF1 then further activates the dual-specificity protein kinases MAP2K1/MEK1 and MAP2K2/MEK2.

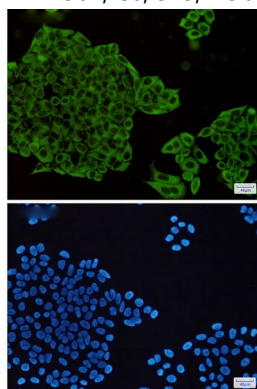
## Research Area

Signal Transduction

## Image Data

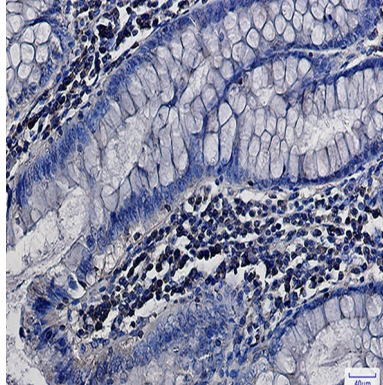


Western blot analysis of MEK1/2 in K562, C6, 3T3, HeLa lysates using MEK1/2 antibody.



Immunocytochemistry analysis of MEK1/2(green) in HeLa using MEK1/2 antibody, and DAPI(blue)

**Product Name: MEK1/2 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe03784**



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using MEK1/2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.