Product Name: MEK1 Rabbit Monoclonal Antibody
Catalog #: AMRe86346

Summary

Production Name	MEK1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF, FC, IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
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	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	MEK1
Alternative Names	CFC3; MEK1; MKK1; MAPKK1; PRKMK1
Gene ID	5604
SwissProt ID	Q02750.

Application

Dilution Ratio	WB: 1:1000-1:5000 IHC-P: 1:100 ICC/IF: 1:50 FC: 1:20-1:50 IP: 1:20-1:50
Molecular Weight	Calculated MW:43 kDa; Observed MW:43 kDa

Background

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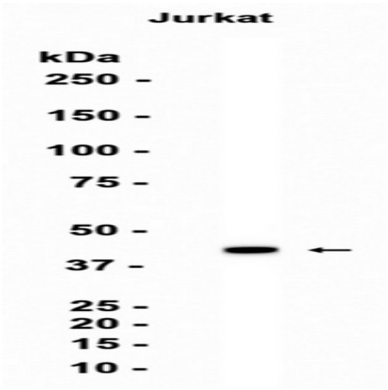
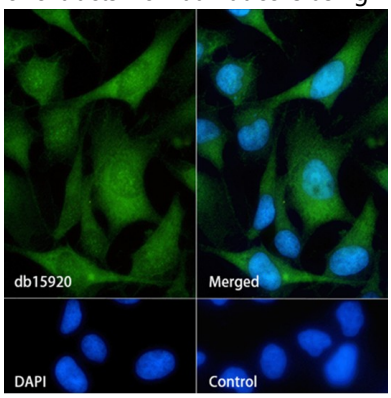
The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein 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. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from Jurkat cells using AMRe86346 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling MEK1 with AMRe86346.

Note

For research use only.