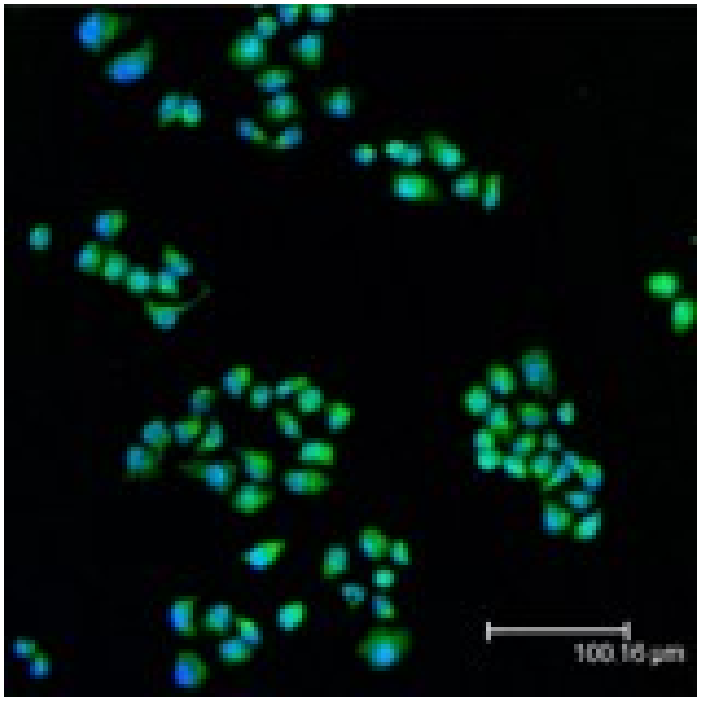
MEK1 polyclonal antibody

MEK is a dual specificity kinase capable of phosphorylating both tyrosine and threonine residues. The MEK family, which is also known as MAP kinase kinase, phosphorylates MAP kinases on the conserved T-X-Y motif; phosphorylation of MAPK by MEK results in an increase in MAPK activity. MEK is involved in a diverse array of cellular processes such as stress-activated response, apoptosis, cytokine-induced cell proliferation, and DNA recombination during meiosis.

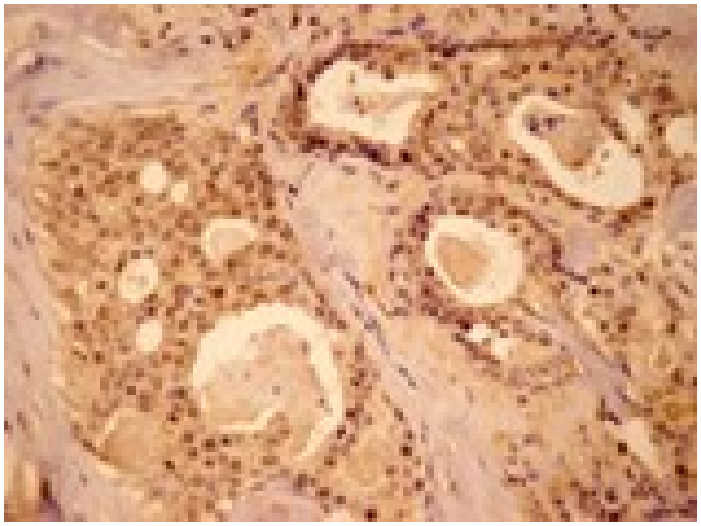
This antibody is covered by our Worry-Free Guarantee.

Citations: 1 View Online »

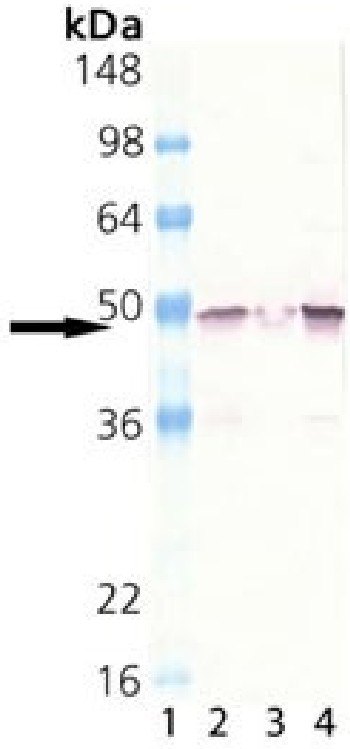
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Immunofluorescent analysis (confocal) staining of HeLa cells using MEK1 pAb (green); nuclei are stained in blue pseudocolor using DRAQ5.



Immunohistochemistry analysis of human breast cancer tissue with MEK1 pAb.



Western blot analysis of MEK1, pAb (Prod. No. ADI-KAP-MA010): Lane 1: MW marker; Lane 2: HeLa (heat shocked) (Prod. No. ADI-LYT-HL-101); Lane 3: Rat spleen extract; Lane 4: Mouse brain extract (Prod. No. ADI-LYT-MB100)

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	MKK1, MAP kinase kinase 1
Application	IF, IHC, WB
Application Notes	Detects a band of ~48kDa by Western blot.
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
GenBank ID	L05624
Host	Rabbit
Immunogen	Synthetic peptide corresponding to the sequence near the N-terminus of human MEK1. The sequence is completely conserved in mouse, rat, hamster, rabbit and Xenopus.
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	Immunohistochemistry (1:50)Western Blot (1µg/ml, colorimetric)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Human, Mouse, Rat, Xenopus
UniProt ID	Q02750
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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