

Product Datasheet

Anti-MEK2 Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL03239

Product Information

Product name	Anti-MEK2 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:500
	IF	1:500
Cellular localization	Cytoplasm, Membrane	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

A family of protein kinases located upstream of the MAP kinases and responsible for their activation has been identified. The prototype member of this family, designated MAP kinase kinase, or MEK1, specifically phosphorylates the MAP kinase regulatory threonine and tyrosine residues present in the Thr-Glu-Tyr motif of ERK. A second MEK family member, MEK2, resembles MEK1 in its substrate specificity. MEK3 (or MKK3) functions to activate p38 MAP kinase, and MEK4 (also called SEK1 or MKK4) activates both p38 and JNK MAP kinases. MEK5 appears to specifically phosphorylate ERK5, whereas MEK6 phosphorylates p38 and p38b. MEK7 (or MKK7) phosphorylates and activates the JNK signal transduction pathway.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MEK2.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

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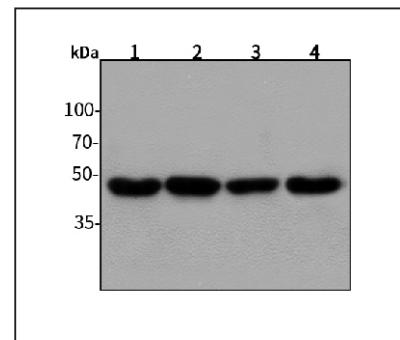
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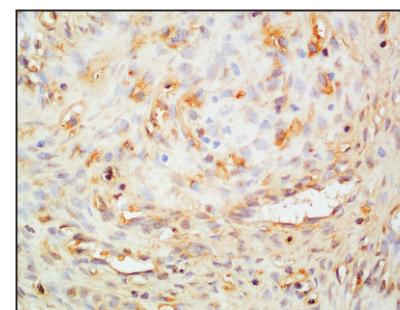
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Product Images



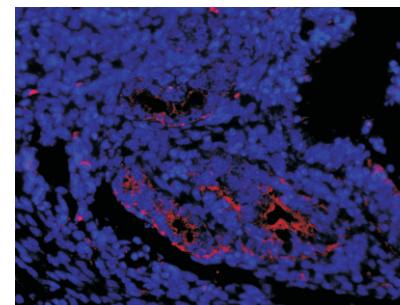
Western blot-Anti-MEK2 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-MEK2 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 44 kDa
 Observed band size: 44 kDa



Immunohistochemistry-Anti-MEK2 pAb

Immunohistochemical analysis of paraffin-embedded mouse uterus using anti-MEK2 Rabbit Antibody at 1:500 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-MEK2 pAb

Immunofluorescence analysis of paraffin-embedded mouse uterus using anti-MEK2 Rabbit Antibody at 1:500 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0