

anti- MEK1/2 antibody

Product Information

Catalog No.:	FNab05113
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is known to play a critical role in mitogen growth factor signal transduction. It phosphorylates and thus activates MAPK1/ERK2 and MAPK2/ERK3. The activation of this kinase itself is dependent on the Ser/Thr phosphorylation by MAP kinase kinase kinases. Mutations in this gene cause cardiofaciocutaneous syndrome (CFC syndrome), a disease characterized by heart defects, mental retardation, and distinctive facial features similar to those found in Noonan syndrome. The inhibition or degradation of this kinase is also found to be involved in the pathogenesis of Yersinia and anthrax. A pseudogene, which is located on chromosome 7, has been identified for this gene.

Immunogen information

Immunogen:	mitogen-activated protein kinase kinase 2
Synonyms:	ERK activator kinase 2, FLJ26075, MAP kinase kinase 2, MAP2K2, MAPK/ERK kinase 2, MAPKK 2, MAPKK2, MEK 2, MEK2, MKK2, PRKMK2
Observed MW:	53 kDa
UniprotID :	P36507

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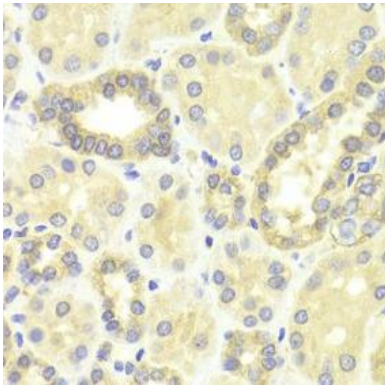
Application

Reactivity: Human, Mouse, Rat

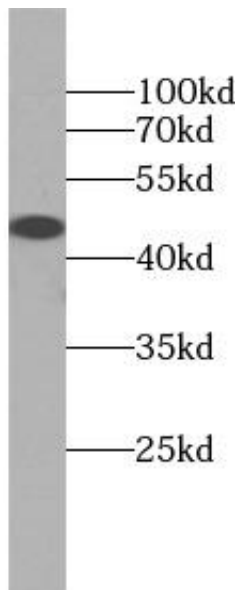
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab05113(MAP2K2 antibody) at dilution of 1:100



HL-60 cells were subjected to SDS PAGE followed by western blot with FNab05113(MAP2K2 antibody) at dilution of 1:1000

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