

MEK2 Monoclonal Antibody(7D11)
Catalog # AP63633**Specification****MEK2 Monoclonal Antibody(7D11) - Product Information**

Application	WB
Primary Accession	P36507
Reactivity	Human, Rat, Mouse
Host	Mouse
Clonality	Monoclonal

MEK2 Monoclonal Antibody(7D11) - Additional Information**Gene ID** 5605**Other Names**

MAP2K2; MEK2; MKK2; PRKMK2; Dual specificity mitogen-activated protein kinase kinase 2; MAP kinase kinase 2; MAPKK 2; ERK activator kinase 2; MAPK/ERK kinase 2; MEK 2

Dilution

WB~~Western Blot: 1/500 - 1/2000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

MEK2 Monoclonal Antibody(7D11) - Protein Information**Name** MAP2K2**Synonyms** MEK2, MKK2, PRKMK2**Function**

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases (By similarity). Activates BRAF in a KSR1 or KSR2-dependent manner; by binding to KSR1 or KSR2 releases the inhibitory intramolecular interaction between KSR1 or KSR2 protein kinase and N-terminal domains which promotes KSR1 or KSR2-BRAF dimerization and BRAF activation (PubMed:29433126).

Cellular Location

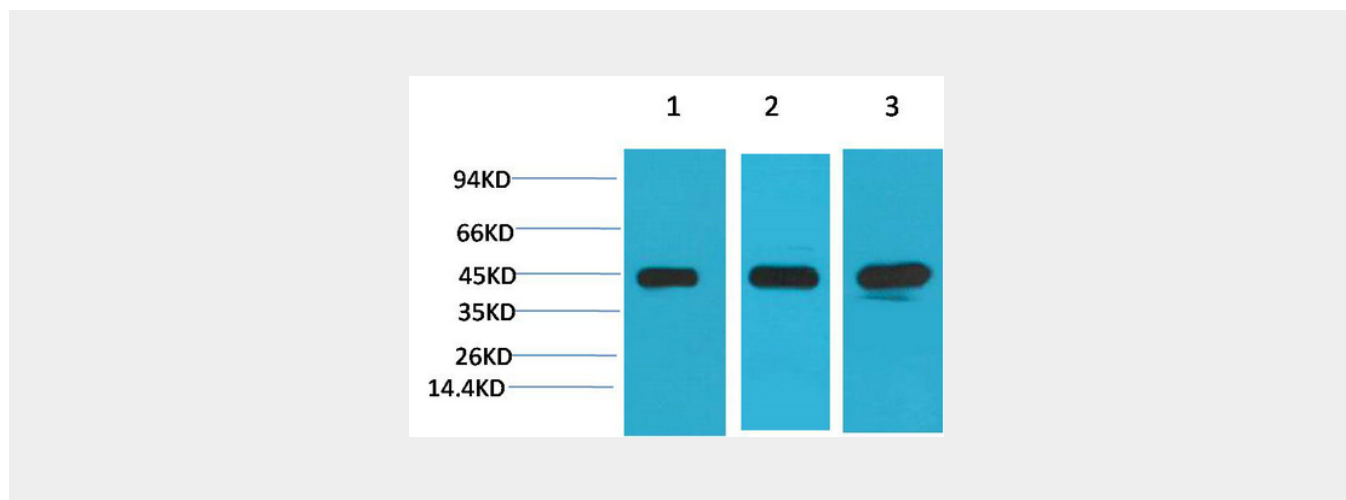
Cytoplasm. Membrane; Peripheral membrane protein. Note=Membrane localization is probably regulated by its interaction with KSR1.

MEK2 Monoclonal Antibody(7D11) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MEK2 Monoclonal Antibody(7D11) - Images



MEK2 Monoclonal Antibody(7D11) - Background

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases (By similarity).