

Rabbit MEK1/2 Monoclonal Antibody | anti-MEK1/2 antibody

MEK1/2 Antibody

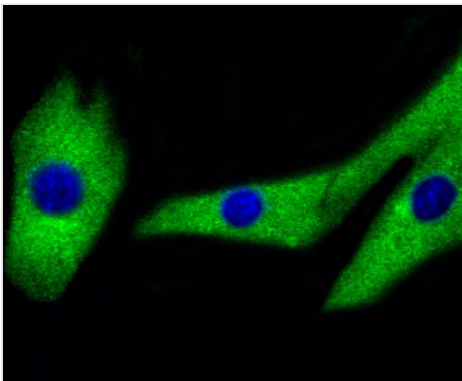
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29992	Rabbit	Human, Mouse, Rat, Zebrafish	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

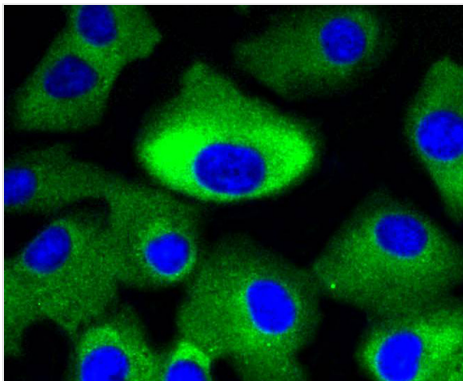
MEK1/2; Monoclonal Antibody; MEK1/2 Antibody; AA589381 antibody; CFC3 antibody; Dual specificity mitogen-activated protein kinase kinase 1 antibody; Dual specificity mitogen-activated protein kinase kinase 2 antibody; EC 2.7.12.2 antibody; ERK activator kinase 1 antibody; ERK activator kinase 2 antibody; FLJ26075 antibody; MAP kinase kinase 1 antibody; MAP kinase kinase 2 antibody; MAP2K1 antibody; MAP2K2 antibody; MAPK/ERK kinase 1 antibody; MAPK/ERK kinase 2 antibody; MAPKK 1 antibody; MAPKK1 antibody; MAPKK2 antibody; MEK 1 antibody; MEK1 antibody; MEKK1 antibody; Mitogen activated protein kinase kinase 1 antibody; Mitogen activated protein kinase kinase 2 antibody; Mitogen-activated protein kinase kinase 2; p45 antibody; MK2 antibody; MKK 1 antibody; MKK 2 antibody; MKK1 antibody; MKK2 antibody; MP2K1_HUMAN antibody; PRKMK 1 antibody; PRKMK 2 antibody; Prkmk1 antibody; Prkmk2 antibody; protein kinase; mitogen-activated; kinase 1 (MAP kinase kinase 1) antibody; Protein kinase; kinase 1 antibody; kinase 2 antibody; anti-MEK1/2 antibody

PRODUCT SPECIFICATIONS

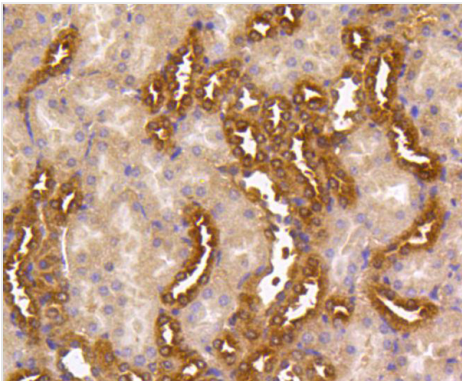
Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Monoclonal
Clone Number	SR13-07
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MEK1/2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Application Notes	WB: 1:1000-5000 IHC: 1:50-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



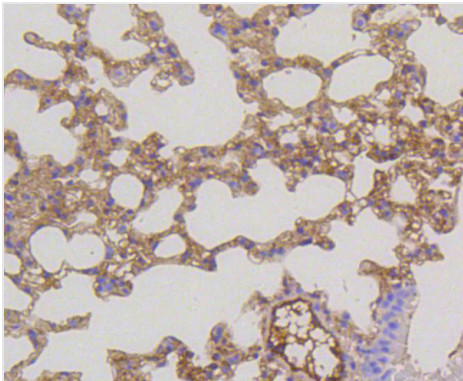
ICC (Immunocytochemistry)
ICC staining MEK1/2 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



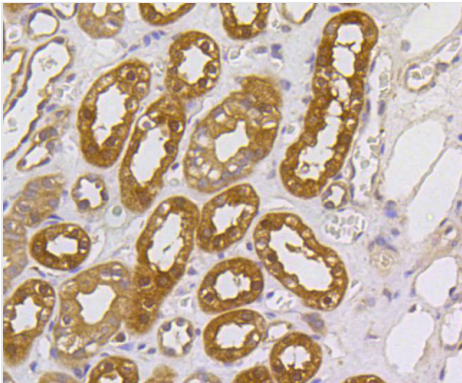
ICC (Immunocytochemistry)
ICC staining MEK1/2 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



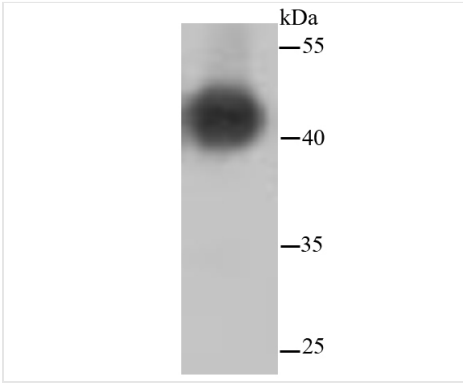
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-MEK1/2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-MEK1/2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-MEK1/2 antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of MEK1/2 on hybrid fish (crucian-carp) brain tissue lysates using anti-MEK1/2 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MEK1/2 antibody	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 MEK-1, specifically phosphorylates the MAP kinase regulatory threonine and tyrosine residues present in the Thr-Glu-Tyr motif of ERK. A second MEK family member, MEK-2, resembles MEK-1 in its substrate specificity. MEK-3 (or MKK-3) functions to activate p38 MAP kinase, and MEK-4 (also called SEK1 or MKK-4) activates both p38 and JNK MAP kinases. MEK-5 appears to specifically phosphorylate ERK5, whereas MEK-6 phosphorylates p38 and p38b. MEK-7 (or MKK-7) phosphorylates and activates the JNK signal transduction pathway.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	547915
NCBI GeneID	5605
UniProt Accession #	P36507
Molecular Weight	400
NCBI Official Full Name	Dual specificity mitogen-activated protein kinase kinase 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 2
NCBI Official Symbol	MAP2K2
NCBI Official Synonym Symbols	CFC4; MEK2; MKK2; MAPKK2; PRKMK2
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 2; MAPK/ERK kinase 2; MAP kinase kinase 2; ERK activator kinase 2; mitogen-activated protein kinase kinase 2, p45
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 2
UniProt Gene Name	MAP2K2
UniProt Synonym Gene Names	MEK2; MKK2; PRKMK2; MAP kinase kinase 2; MAPKK 2; MEK 2
UniProt Entry Name	MP2K2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/mek1-2-antibody-clone-sr13-07-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-immunoprecipitation-elisa/29992>