

## MEK1 (MAPKK1) Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 252148

**Unit:** 0.1 mg

**Description:**

MEK1 (MAPKK1) catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. MEK1 (MAPKK1) activates ERK1 and ERK2 MAP kinases, enzymes which are involved in numerous signal transduction pathways. Defects in MEK1 (MAPKK1) are a cause of cardiofaciocutaneous syndrome (CFC syndrome), also known as cardio-facio-cutaneous syndrome. CFC syndrome is characterized by a distinctive facial appearance, heart defects and mental retardation.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H

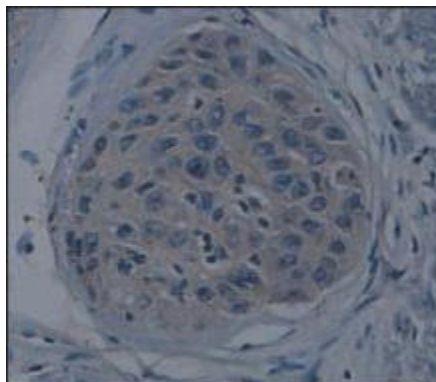
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.5 % BSA with 0.09% sodium azide. Antibody was purified by immunogen-affinity chromatography.

**Alternate Names:** MAPKK1; Dual specificity mitogen-activated protein kinase kinase 1; MAP kinase kinase 1; MAPKK1; ERK activator kinase 1; MAPK/ERK kinase 1; MEK1; MAP2K1; PRKMK1

**Accession No.:** Q02750

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within human MEK1 (MAPKK1) .

**Application Notes:** E: 1:1,000-1:100,000; WB: 1:100-1:1,000; IHC: 1:50-1:250



**MEK1 (MAPKK1) staining in human liver. Paraffin-embedded human liver is stained with MEK1 (MAPKK1) Antibody (Cat. No. 252148) used at 1:100 dilution.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.