



MAP2K2 Mouse Monoclonal Antibody

E10-30009

Background: MAP2K2, also called MEK2, it 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.

Catalog Number: E10-30009

Amount: 100µg/100µl

Clone Number: 7F5

Species: Mouse IgG1

MW 44kDa

Aliases: MEK2; MKK2; MAPKK2

Entrez Gene: 5605

Immunogen: Purified recombinant fragment of human MAP2K2 expressed in E. Coli.

Storage: Store at 4 °C for long term storage, store at 20 °C for short term storage, store at -20 °C for long term storage, store at -20 °C for short term storage

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human; Mouse; Rat

Tested Applications: WB, IHC, FC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, FC: 1/200-1400
ELISA: Propose dilution 1/10000.

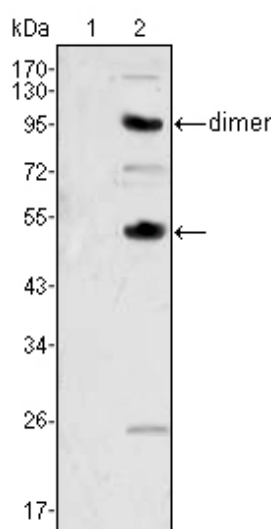


Figure 1: Western blot analysis using CSF1 mouse mAb against human recombinant CSF2 (1) and CSF1 (2).

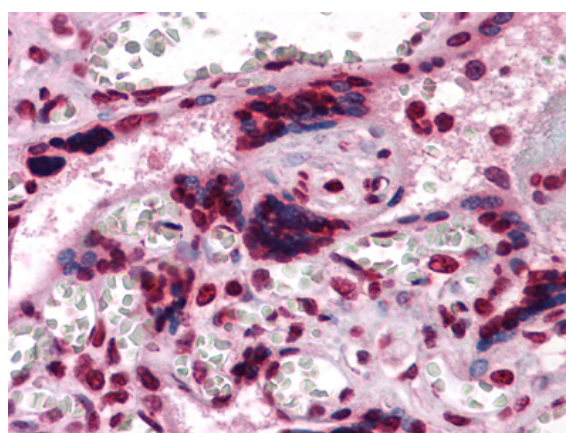


Figure 2: Immunohistochemical analysis of paraffin-embedded human Placenta tissues using anti-CSF1 mouse mAb

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