

A Reliable Research Partner in Life Science and Medicine

Recombinant MEK2 Monoclonal Antibody

catalog number: AN301599L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Rat; Mouse

Immunogen Recombinant human MEK2 fragment

HostRabbitIsotype IgG, κ CloneA302

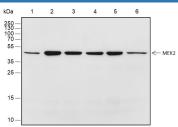
Purification Protein A purified

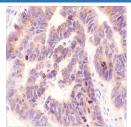
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:500-1:1000 **IHC** 1:100-1:1000

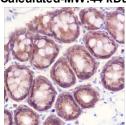
Data

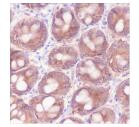




Western Blot with MEK2 Monoclonal Antibody at dilution of Immunohistochemistry of paraffin-embedded Human colon 1:1000. Lane 1: HeLa, Lane 2: Jurkat, Lane 3: 293T, Lane 4: cancer using MEK2 Monoclonal Antibody at dilution of NIH-3T3, Lane 5: C6 1:100.

Observed-MW:44 kDa Calculated-MW:44 kDa





Immunohistochemistry of paraffin-embedded Mouse colon using MEK2 Monoclonal Antibody at dilution of 1:100.

Immunohistochemistry of paraffin-embedded Rat colon using MEK2 Monoclonal Antibody at dilution of 1:1000.

Rev. V1.0

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

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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, cognitive disability, 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.

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