

Phospho-MEK4 (Ser80) monoclonal antibody

Catalog: MB11875

Host: Rabbit

Reactivity: Human

BackGround:

This gene encodes a member of the mitogen-activated protein kinase (MAPK) family. Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. They form a three-tiered signaling module composed of MAPKKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 44 kDa; Observed MW: 44 kDa

Swiss-Prot:

P45985

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IP: 1/20

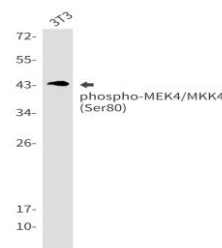
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



Western blot analysis of Phospho-MEK4/MKK4 in 3T3 lysates using Phospho-MEK4 antibody.

Western blot analysis of Phospho-MEK4/MKK4 in A549, MCF-7, U251 lysates using Phospho-MEK4/MKK4 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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