
Product Datasheet

MK2/MAPKAPK2 Antibody (orb1248425)

Description

MK2/MAPKAPK2 Antibody

Species/Host

Goat

Reactivity

Human, Mouse

Conjugation

Unconjugated

Tested Applications

ELISA, IHC, IP, WB

Applications

The immunogen for this antibody is: C-SRVLKEDKERWED

Target

MK2 / MAPKAPK2

Preservatives

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Form/Appearance

Liquid

Concentration

500 ug/mL

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Note

For research use only

Application notes

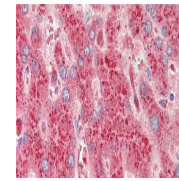
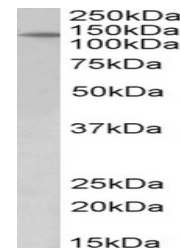
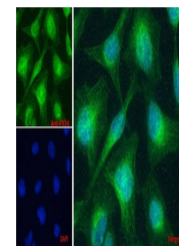
Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 60kDa band observed in Mouse Embryonic Fibroblasts (MEF) lysates, not present in the knockout MEFs and reappearing as a 45kDa band upon reintroduction of MK2 gene expression through viral transduction (calculated MW of 44.0kDa according to Mouse NP_032577.1). The observed molecular weights correspond to earlier findings in literature with different antibodies (Menon et al, Cell Motil Cytoskeleton. 2009 Dec;66(12):1041-7. PMID: 19743408). There is no cross-reactivity to MK5. Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany. Recommended concentration: 0.5-2ug/ml. Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 5ug/ml. Immunoprecipitation: MK2/MK3 double knockout MEFs retrovirally transduced with MK2 or empty vector were lysed from confluent plates and used for IP with 1.5ug EB11929 or EB11930. Western blots of the IP were labelled with rabbit anti-MK2 (CST). An approx 45kDa of MK2 is only precipitated from lysates of those KO MEFs that have been rescued by the MK2 expression construct as described in PMID: 19743408. Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany.

Clonality

Polyclonal

MW

Approx 60kDa


 orb1248425
(0.5 ug/ml)
staining of MEF
I...

 HEK293
overexpressing
Mouse MK2
fused to...

 orb1248425
and EB11930
(1.5 ug)
immunopr...