
Product Datasheet

MK5/MAPKAPK5 Antibody (orb1248426)

Description

MK5/MAPKAPK5 Antibody

Species/Host

Goat

Reactivity

Human, Mouse

Conjugation

Unconjugated

Tested

ELISA, IHC, IP, WB

Applications
Immunogen

The immunogen for this antibody is: C-PQVLEAQRHHQKEKS

Target

MK5 / MAPKAPK5

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

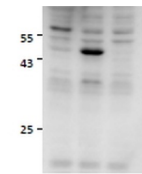
Application notes

Peptide ELISA: antibody detection limit dilution 1:64000. Western Blot: In transfected HEK293 transiently expressing either Mouse MK5 fused to GFP or the similar Mouse MK2 fused to GFP, only the expected band was observed in the MK5 lane after EB11928 labeling. Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany. Recommended concentration, 0.5-1ug/ml. Immunohistochemistry: In paraffin embedded Human Kidney shows nuclear staining in the DCT. Recommended concentration, 4-8ug/ml. Immunoprecipitation: MK5/ERK3 double knockout Mouse Embryonic Fibroblasts (MEFs) retrovirally transduced with MK5/ERK3 or empty vector (GFP) were lysed from confluent plates and used for IP with 1.5ug EB11927 or EB11928. Western blots of the IP were labelled with mouse anti-MK5 (SC) or with rabbit anti-ERK3 serum (CST). An approx 55kDa of MK5 is only precipitated from lysates of those KO MEFs that have been rescued by the ERK3/MK5 expression construct as described in PMID: 22508986. Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany.

Clonality

Polyclonal

Uniprot ID
[Q8IW41](#)

 MK2/3 DKO+
WT MK2 GFP

 HEK293
lysate (10 ug
protein in
RIPA buf...