
Product Datasheet

MK5/MAPKAPK5 Antibody (orb1248427)

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-STEALDNLVPSAQ

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

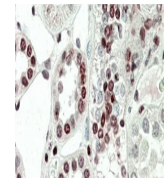
Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: In transfected HEK293 transiently expressing either Mouse MK5 fused to GFP or the similar Mouse MK2 fused to GFP; only the expected band was observed in the MK5 lane after EB11927 labeling. Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany. Recommended concentration, 0.5-1ug/ml. Immunohistochemistry: In paraffin embedded Human Kidney shows brushborder staining in the PCT. 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 constructs as described in PMID: 22508986. Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany.

Clonality

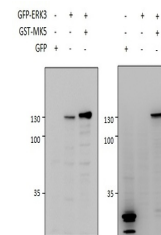
Polyclonal

Uniprot ID
[Q81W41](#)
NCBI
[NP_620777.1](#), [NP_003659.2](#)
Dilution Range

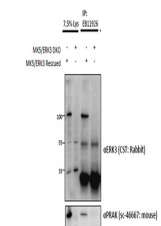
Peptide ELISA: antibody detection limit dilution



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



orb1248427 and EB11928 (1.5 ug) immunopr...



orb1248427 (5 ug/ml) staining of paraffi...