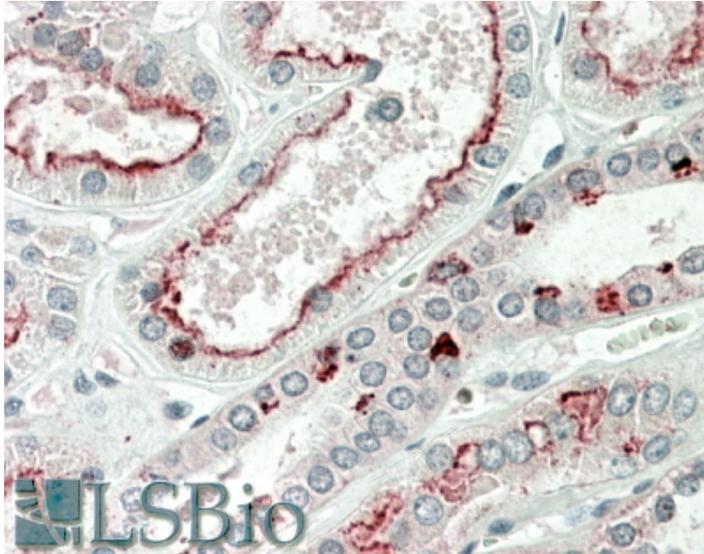


# GOAT ANTI-MK5 / MAPKAPK5 ANTIBODY

SKU: EB11927



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

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

**Synonym / Alias Names** p38-regulated/activated protein kinase|MAPKAPK-5|MAPKAP kinase 5|MAPK-activated protein kinase 5|MAP kinase-activated protein kinase 5|PRAK|MK5|MK-5|MAPKAP-K5|mitogen-activated protein kinase-activated protein kinase 5|MAPKAPK5

**Usage Summary** **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 1.5µg 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 described in PMID: 22508986. Data obtained from Dr. M. B. Menon, Inst. Biochemistry, Hannover Medical School, Germany.

**Accession ID** NP\_003659.2; NP\_620777.1

**Blocking Peptide** EBP11927

**Immunogen** Peptide with sequence C-STEALDNVLPQAQ, from the internal region of the protein sequence according to NP\_003659.2; NP\_620777.1.

<b>Peptide Sequence</b>	C-STEALDNLPSAQ
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog, Pig, Cow
<b>Reactive Species</b>	Human, Mouse
<b>Human Gene ID</b>	8550
<b>Mouse Gene ID</b>	17165
<b>Rat Gene ID</b>	498183
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>
<b>IHC Results</b>	In paraffin embedded Human Kidney shows brushborder staining in the PCT. Recommended concentration, 4-8µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:32000.
<b>Western Blot</b>	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, 0.5-1µg/ml.
<b>Application Type</b>	Pep-ELISA, WB-Trf, IP, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

