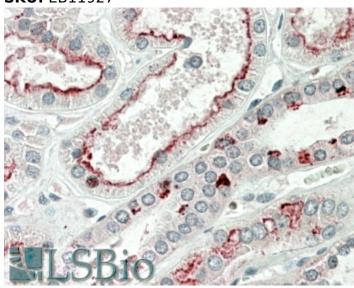


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## **GOAT ANTI-MK5 / MAPKAPK5 ANTIBODY**

**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** 

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

Alias

Synonym / p38-regulated/activated protein kinase | MAPKAPK-5 | MAPKAP kinase 5 | MAPK-activated protein kinase 5 | MAP kinaseactivated protein kinase 5|PRAK|MK5|MK-5|MAPKAP-K5|mitogen-activated protein kinase-activated protein kinase

**Names** 5|MAPKAPK5

<strong>Immunoprecipitation:</strong> MK5/ERK3 double knockout Mouse Embryonic Fibroblasts (MEFs) retrovirally transduced wiith 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 constructas described in PMID: 22508986. Data obtained from Dr. M. B. Menon, Inst.

Biochemistry, Hannover Medical School, Germany.

Accession

Usage

Summary

NP 003659.2; NP 620777.1

**Blocking** Peptide

EBP11927

Peptide with sequence C-STEALDNVLPSAQ, from the internal region of the protein sequence according to 









**Peptide** C-STEALDNVLPSAQ Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

**Shipping** Refrigerated Instructions

**Predicted Species** 

Human, Mouse, Rat, Dog, Pig, Cow

Reactive

Human, Mouse **Species** 

Human

8550 Gene ID

Mouse

17165

Gene ID

**Rat Gene ID** 498183

**Product** Grade

 $https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_plus\_medium.png$ 

In paraffin embedded Human Kidney shows brushborder staining in the PCT. Recommended concentration, **IHC Results** 

4-8µg/ml.

**ELISA** 

**Detection** 

Antibody detection limit dilution 1:32000.

Limit

Blot

Western

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.

**Application** 

Type

Pep-ELISA, WB-Trf, IP, IHC

## GALLERY IMAGES

