

Goat anti-MK5 / MAPKAPK5 (aa192-206) Antibody

Item Number	dAP-2868
Target Molecule	Principle Name: MK5 / MAPKAPK5 (aa192-206); Official Symbol: Mapkapk5; All Names and Symbols: MAPKAPK5; mitogen-activated protein kinase-activated protein kinase 5; MAPKAP-K5; MK-5; MK5; PRAK; MAP kinase-activated protein kinase 5; MAPK-activated protein kinase 5; MAPKAP kinase 5; MAPKAPK-5; p38-regulated/activated protein kinase; Accession Number (s): NP_003659.2; NP_620777.1; Human Gene ID(s): 8550; Non-Human GenelD(s): 17165 (mouse) 498183 (rat)
Immunogen	PQVLEAQRRHQKEKS, is from internal region
Applications	Pep ELISA, WB Trf, IP, IHC Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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. Bioche
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows nuclear staining in the DCT. Recommended concentration, 4-8µg/ml.
Reference	Reference(s): Yoshizuka N, Chen RM, Xu Z, Liao R, Hong L, Hu WY, Yu G, Han J, Chen L, Sun P. A novel function of p38-regulated/activated kinase in endothelial cell migration and tumor angiogenesis. Mol Cell Biol. 2012 Feb;32(3):606-18.. PMID: 22124154->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**