

Goat anti-MOB2 (aa128-140) Antibody

Item Number	dAP-2358
Target Molecule	Principle Name: MOB2 (aa128-140); Official Symbol: MOB2; All Names and Symbols: MOB2; HCCA2; HCCA2 protein; mob2 homolog; mps one binder kinase activator-like 2; Accession Number (s): NP_001165694.1; NP_443731.2; Human Gene ID(s): 81532; Non-Human GeneID(s): 101513 (mouse) 499288 (rat)
Immunogen	DERGKKVKCTAPQ, is from internal region This antibody is expected to recognize both reported isoforms (NP_001165694.1; NP_443731.2) only.
Applications	Pep ELISA, WB, IHC Species Tested: Human
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 128000.
Western Blot	Western Blot: Approx 30kDa band observed in lysates of cell line Jurkat (calculated MW of 30.2kDa according to NP_001165694.1). Recommended concentration: 0.02-0.06µg/ml. An additional band of unknown identity was also consistently observed at 48kDa. Thi
IHC	Immunohistochemistry: In paraffin embedded Human Lung shows staining of smooth muscle cells, vasculature and apical secretory granules in the epithelium of the bronchiole. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Kohler RS, Schmitz D, Cornils H, Hemmings BA, Hergovich A, Differential NDR/LATS interactions with the human MOB family reveal a negative role for human MOB2 in the regulation of human NDR kinases. Molecular and cellular biology 2010 Sep 30 (18): 4507-20..PMID: 20624913->

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**