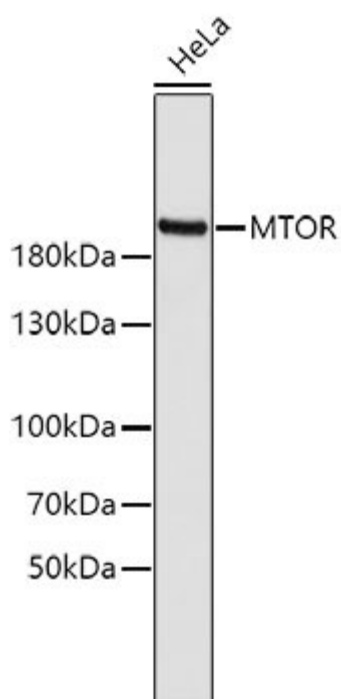

Product name:	mTOR
Cat number:	MAB-94142
Conjugate:	Unconjugated
Size:	100 ul
Clone:	D9C2
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant protein of human MTOR
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500-1:1,000 Immunohistochemistry: 1:50 Immunofluorescence: 1:50 Immunoprecipitation: 1:20
Molecular Weight:	288kDa
Purification:	Aff, Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	The protein encoded by this gene belongs to a family of phosphatidylinositol kinaserelated kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene.



Western blot analysis of extracts of HeLa cells, using mTOR antibody dilution: 1:500. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10,000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.