

Goat anti-Antigen KI-67 / MKI67 (aa98-110) Antibody

Item Number	dAP-2698
Target Molecule	Principle Name: Antigen KI-67 / MKI67 (aa98-110); Official Symbol: MKI67; All Names and Symbols: MKI67; antigen identified by monoclonal antibody Ki-67; KIA; OTTHUMP00000020739; OTTHUMP00000020740; antigen KI-67; proliferation-related Ki-67 antigen; Accession Number (s): NP_002408.3; NP_001139438.1; Human Gene ID(s): 4288; Non-Human GeneID(s):
Immunogen	ENESLQNGRKSTE, is from N Terminus This antibody is expected to recognize both reported isoforms (NP_002408.3; NP_001139438.1).
Applications	Pep ELISA Species Tested:
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: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 359kDa according to NP_002408.3. Therefore we cannot recommend an optimal concentration.
IHC	
Reference	Reference(s): Törzsök P, Riesz P, Kenessey I, Székely E, Somorácz A, Nyirády P, Romics I, Schaff Z, Lotz G, Kiss A. Claudins and ki-67: potential markers to differentiate low- and high-grade transitional cell carcinomas of the urinary bladder. J Histochem Cytochem. 2011 Nov;59(11):1022-30..PMID: 22043024->

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**