

## Goat anti-MDG1 / DNAJB9 Antibody

<b>Item Number</b>	dAP-0282
<b>Target Molecule</b>	Principle Name: MDG1 / DNAJB9; Official Symbol: DNAJB9; All Names and Symbols: DNAJB9; MDG1; ERdj4; DKFZP564F1862; DnaJ (Hsp40) homolog, subfamily B, member 9; endoplasmic reticulum DnaJ homolog 4; microvascular endothelial differentiation gene 1; MST049; MSTP049; Accession Number (s): NP_036460.1; Human Gene ID(s): 4189; Non-Human GeneID(s): 27362 (mouse) 24908 (rat)
<b>Immunogen</b>	RGNMVTTYTDCSGQ, is from C Terminus
<b>Applications</b>	Pep ELISA, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 4000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave no signal but low background in A459 and Human Skeletal Muscle extracts at up to 1µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Kidney shows ER staining in PCT. Recommended concentration: 4-6µg/ml.
<b>Reference</b>	Reference(s): Prols F, Liehr T, Rinke R, Rautenstrauss B. Assignment of the microvascular endothelial differentiation gene 1 (MDG1) to human chromosome band 14q24.2-->q24.3 by fluorescence in situ hybridization. Cytogenet Cell Genet. 1997;79(1-2):149-50. No abstract available.. PMID: 9533036 ->

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 end users! This product is sold for **Research Use Only**