

Goat anti-MDG1 / DNAJB9 Antibody

Item Number	dAP-0282
Target Molecule	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)
Immunogen	RGNMVTITYDCSGQ, is from C Terminus
Applications	Pep ELISA, 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 4000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in A459 and Human Skeletal Muscle extracts at up to 1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows ER staining in PCT. Recommended concentration: 4-6µg/ml.
Reference	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 ender users! This product is sold for **Research Use Only**