



Goat anti-MAN2A1 Antibody

Item Number	dAP-1306
Target Molecule	Principle Name: MAN2A1; Official Symbol: MAN2A1; All Names and Symbols: MAN2A1; mannosidase, alpha, class 2A, member 1; GOLIM7; MANA2; MANII; Golgi alpha-mannosidase II; golgi integral membrane protein 7; mannosidase, alpha type II; mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase; Accession Number (s): NP_002363.2; Human Gene ID(s): 4124; Non-Human GeneID(s):
Immunogen	KISSDIKSQNR, is from internal region
Applications	Pep ELISA, WB 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 16000.
Western Blot	Western Blot: Approx. 150kDa band observed in Human Placenta lysates (calculated MW of 131kDa according to NP_002363.2). In transfected HEK293 transiently expressing MAN2A1 a band of approx. 98kDa is observed. This band is not observed in the non-transfected.
IHC	
Reference	Reference(s): Green RS, Stone EL, Tenno M, Lehtonen E, Farquhar MG, Marth JD. Mammalian N-glycan branching protects against innate immune self-recognition and inflammation in autoimmune disease pathogenesis. Immunity. 2007 Aug;27(2):308-20. Epub 2007 Aug 2..PMID: 17681821 ->

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**