

Goat anti-beta-2-microglobulin Antibody

Item Number	dAP-2657
Target Molecule	Principle Name: beta-2-microglobulin; Official Symbol: B2M; All Names and Symbols: B2M; beta-2-microglobulin; OTTHUMP00000161912; beta chain of MHC class I molecules; beta-2-microglobulin; Accession Number (s): NP_004039.1; Human Gene ID(s): 567; Non-Human GeneID(s):
Immunogen	QRTPKIQVYSRHP, is from N Terminus
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 32000.
Western Blot	Western Blot: Approx 12kDa band observed in Human Duodenum lysates (calculated MW of 13.7kDa according to NP_004039.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Amighi J, Hoke M, Mlekusch W, Schlager O, Exner M, Haumer M, Pernicka E, Koppensteiner R, Minar E, Rumpold H, Schillinger M, Wagner O. Beta 2 microglobulin and the risk for cardiovascular events in patients with asymptomatic carotid atherosclerosis. Stroke. 2011 Jul;42(7):1826-33..PMID:

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**