



Goat anti-Cd97 (mouse) Antibody

Item Number	dAP-2770
Target Molecule	Principle Name: Cd97 (mouse); Official Symbol: Adgre5; All Names and Symbols: Cd97; CD97 antigen; AA409984; TM7LN1; EGF-TM7 receptor; adhesion G protein-coupled receptor E5; Accession Number (s): NP_036055.2; NP_001156501.1; NP_001156502.1; NP_001156503.1; Human Gene ID(s): ; Non-Human GeneID(s): 26364 (mouse)
Immunogen	TSQTRALRSES, is from C Terminus This antibody is expected to recognize all reported isoforms (NP_036055.2; NP_001156501.1; NP_001156502.1; NP_001156503.1).
Applications	Pep ELISA, WB Species Tested: Mouse
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: Approx 80kDa band observed in Mouse Thymus and Spleen lysates (calculated MW of 80.2kDa according to NP_001156503.1). The beta chain is detected as a ~30kDa band in Mouse Colon (transgenic overexpressing Cd76 in intestines) and not in the
IHC	
Reference	Reference(s): Hoek RM, de Launay D, Kop EN, Yilmaz-Elis AS, Lin F, Reedquist KA, Verbeek JS, Medof ME, Tak PP, Hamann J. Deletion of either CD55 or CD97 ameliorates arthritis in mouse models. Arthritis Rheum. 2010 Apr;62(4):1036-42..PMID: 20131275->

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**