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Research Use Only. Not for diagnostic or therapeutic use.

EB11876 - Goat Anti-Cd97 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Cd97, CD97 antigen, AA409984, TM7LN1, EGF-TM7 receptor,

adhesion G protein-coupled receptor E5

Official Symbol: Adgre5

Accession Number(s): NP_036055.2; NP_001156501.1; NP_001156502.1;

NP_001156503.1

Non-Human GenelD(s): 26364 (mouse)

Important Comments: This antibody is expected to recognize all reported isoforms

(NP_036055.2; NP_001156501.1; NP_001156502.1; NP_001156503.1).

Immunogen

Peptide with sequence C-TSQTRALRSSES, from the C Terminus of the protein sequence according to NP_036055.2; NP_001156501.1; NP_001156502.1; NP_001156503.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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 knock-out. Recommended concentration: 0.3-1µg/ml.

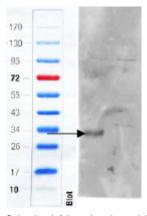
Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB11876 ($0.3\mu g/ml$) staining of Mouse Thymus lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11876 (1µg/ml) staining of Mouse Colon (wt, left lane, knock-out right lane) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by infrared fluorescence (Odyssey). Data obtained from anonymous customer