

AP32070PU-N**Polyclonal Antibody to CD97 (C-term) - Aff - Purified**

Alternate names:	Leukocyte antigen CD97
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Uniprot ID:	Q9Z0M6
NCBI:	NP_001156501.1
GeneID:	26364
Host:	Goat
Immunogen:	Peptide with sequence from the C-Terminus of the protein sequence according to NP_036055.2; NP_001156501.1; NP_001156502.1; NP_001156503.1. Genename: CD97 AA Sequence: C-TSQTRALRSSES
Format:	State: Liquid purified Ig fraction Purification: Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide Buffer System: Tris saline, pH~7.3 Preservatives: 0.02% Sodium Azide Stabilizers: 0.5% BSA
Applications:	Peptide ELISA: 1/128000 (Detection Limit). Western blot: 0.3-1 µg/ml. Detects a band of Approx 80kDa in Mouse Thymus and Spleen lysates (Figure 1). The beta chain is detected as a ~30kDa band in Mouse Colon (transgenic overexpressing Cd76 in intestines) and not in the knock-out (Figure 2). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	80.2 kDa (NP_001156503.1).
Specificity:	This antibody is expected to recognize all reported isoforms (NP_036055.2; NP_001156501.1; NP_001156502.1; NP_001156503.1).
Species Reactivity:	Tested: Mouse.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Figure 2. Staining of Mouse Colon using AP32070PU-N CD97 antibody at 1 $\mu\text{g}/\text{ml}$ (wt, left lane, knock-out right lane) lysate (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by infrared fluorescence (Odyssey). *Data obtained from anonymous customer.*

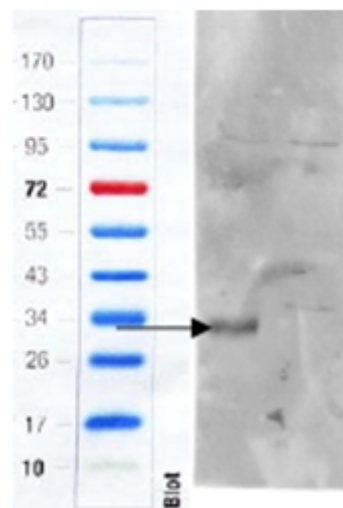


Figure 1. Staining of Mouse Thymus lysate using CD97 Antibody Cat.-No AP32070PU-Nat 0.3 $\mu\text{g}/\text{ml}$ (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

