

CD97 Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 11280-T54

GENERAL INFORMATION

Immunogen:	Recombinant Human CD97 Protein (Catalog#11280-H08H)
Preparation	Produced in rabbits immunized with purified, recombinant Human CD97 (rh CD97; Catalog#11280-H08H; NP_001775.2; Met1-Gln398). CD97 specific IgG was purified by Human CD97 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human CD97
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	CD97,TM7LN1

APPLICATIONS

Applications:	WB,ELISA,ICC/IF,IP
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RECOMMENDED CONCENTRATION

ICC/IF	ICC/IF: 1:300-1:10000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 0.5-2 µL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human CD97.

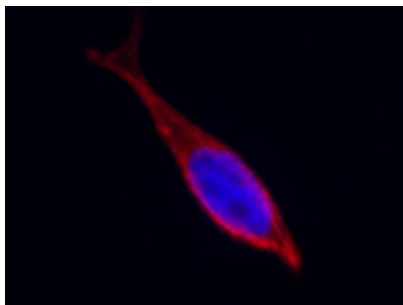
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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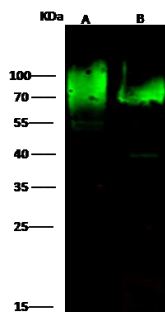


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Immunofluorescence staining of CD97 in HeLa cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-human CD97 polyclonal antibody (1:1000) at 4°C overnight. Then cells were stained with the Alexa Fluor®594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to cell membrane.



Anti-CD97 rabbit polyclonal antibody at 1:500 dilution.

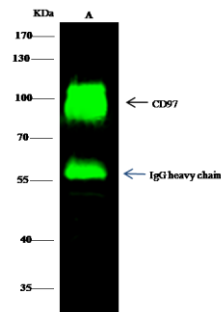
Lane A: HL-60 Membrane Lysate
Lane B: K562 Membrane Lysate

Lysates/proteins at 30 ug per lane.

Secondary
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 92 kDa
Observed band size: 70 kDa



CD97 was immunoprecipitated using:
Lane A: 0.5 mg Hela Whole Cell Lysate

2 µL anti-CD97 rabbit polyclonal antibody and 60 µg of Immunomagnetic beads Protein G.

Primary antibody:
Anti-CD97 rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 92 kDa
Observed band size: 92 kDa