

CD97 antibody [HL1924]

Cat. No. GTX637673

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Dog

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent

Not tested in other applications.

Observed MW (kDa) 80 kDa.

Product Note This antibody was raised against human CD97 Extracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human CD97. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

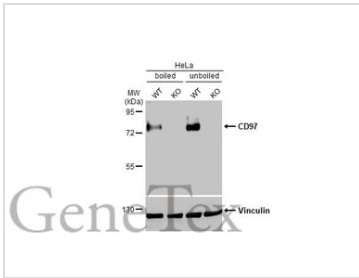
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

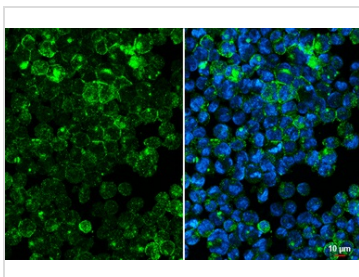
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DATA IMAGES

GTX637673 WB Image

Boiled and unboiled wild-type (WT) and ADGRE5 knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CD97 antibody [HL1924] (GTX637673) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

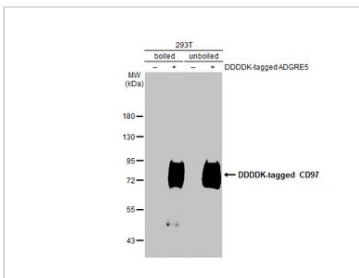

GTX637673 ICC/IF Image

CD97 antibody [HL1924] detects CD97 protein at cell membrane and cytoplasmic vesicles by immunofluorescent analysis.

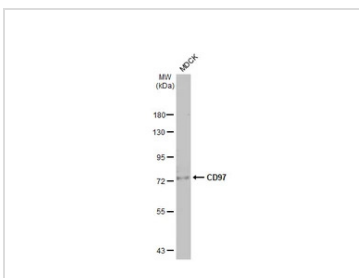
Sample: U937 cells were fixed in ice-cold MeOH for 5 min.

Green: CD97 stained by CD97 antibody [HL1924] (GTX637673) diluted at 1:500.

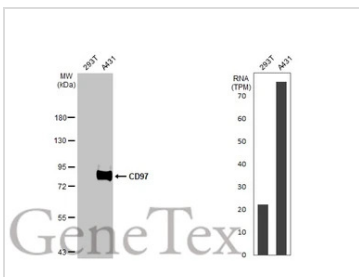
Blue: Fluoroshield with DAPI (GTX30920).


GTX637673 WB Image

Non-transfected (-) and transfected (+) Boiled and unboiled 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CD97 antibody [HL1924] (GTX637673) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX637673 WB Image

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with CD97 antibody [HL1924] (GTX637673) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


GTX637673 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CD97 antibody [HL1924] (GTX637673) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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