

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD97

Numéro de catalogue: 66972-1-Ig



Informations de base

Numéro de catalogue: 66972-1-Ig	Numéro d'acquisition GenBank: BC026690	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1800 µg/ml by 976 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 976	CloneNo.: 3F10C2
Hôte: Mouse	Nom complet: CD97 molecule	Dilutions recommandées: WB 1:1000-1:4000
Isotype: IgG2a	MW calculé: 722 aa, 79 kDa	
Immunogen Catalog Number: AG27991	MW observés: 75 kDa	

Applications

Applications testées: FC, WB, ELISA	Contrôles positifs:
Spécificité de l'espèce: Humain, souris	WB : cellules K-562, cellules DC2.4, cellules HepG2, cellules HL-60

Informations générales

CD97 is a member of the seven-trans-membrane subfamily of the class B G protein-coupled receptor (GPCR) group of the epidermal growth factor (EGF) and is present on the surface of lymphocytes, monocytes, macrophages, dendritic cells, granulocytes, and smooth muscle, being a dimeric glycoprotein with a 75-90 kDa intracellular domain and a 28 kDa extracellular domain (PMID: 23969601). It plays a vital role in cell adhesion, migration, and cell connection regulation (PMID: 36464675). CD97 is expressed on T-cells, but rarely on B cells. CD97 might play key roles in cellular adhesion, through connections with other proteins of the cell surface and of the extracellular matrix (PMID: 32781778).

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

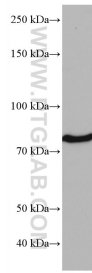
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

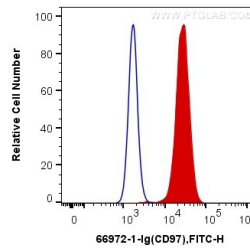
E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



K-562 cells were subjected to SDS PAGE followed by western blot with 66972-1-Ig (CD97 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



1×10^6 Jurkat cells were intracellularly stained with 0.2 μ g Anti-Human CD97 (66972-1-Ig, Clone:3F10C2) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 μ g Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).