

anti-human CD97 FITC-conjugated

The antibody MEM-180 recognizes a unique epitope on CD97, a 75-85 kDa surface glycoprotein of G-protein-coupled receptor family, expressed on activated B and T lymphocytes, monocytes/macrophages, dendritic cells and granulocytes.

CD97 is a G-protein-coupled seven-span transmembrane adhesive receptor that is constitutively expressed on granulocytes and monocytes and rapidly upregulated on T and B cells upon activation. CD97 is produced in alternatively spliced forms and its cellular ligand is CD55 (DAF), which protects various cell types from complement-mediated damage. Interaction of CD97 on leukocytes and CD55 on vessel cells probably facilitate leukocyte activation and migration into the tissues, similarly, CD97 seems to play a role in tumour migration and invasiveness. CD97 is involved in T cell regulation and peripheral granulocyte homeostasis.

Clone:	MEM-180
Isotype:	Mouse IgG1
Physical state:	Liquid for direct use
Form:	purified antibody conjugated with Fluorescein isothiocyanate (FITC)
Buffer:	PBS containing 1% BSA and 0.1% sodium azide (pH 7.4)
Storage:	Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.
Application:	Flow Cytometry
Reference:	Leukocyte Typing VI., Kishimoto T. et al. (Eds.), Garland Publishing Inc. (1997)
Quantity:	1.0 ml
Order N°:	H12211F

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32).

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