

Product datasheet for **SM1601F**

CD97 (ADGRE5) Mouse Monoclonal Antibody [Clone ID: MEM-180]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MEM-180
Applications:	FC
Recommended Dilution:	Flow cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells or 100µl whole blood.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises the CD97 cell surface antigen.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	adhesion G protein-coupled receptor E5
Database Link:	Entrez Gene 976 Human P48960



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Background:

CD97 is a 75-85kDa monomeric glycoprotein that is present on the surface of most activated leucocytes. It is a receptor involved in both cell adhesion and signaling. CD97 is a member of the G protein coupled receptor family (subfamily CD55). It is expressed abundantly in cells of hematopoietic origin and is markedly upregulated on activated T and B cells. ESTs have been isolated from a wide variety of tissue libraries.