

Product datasheet for **SM1601APC**

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 Use 10 µl of Neat-1/10 diluted antibody to label 10e6 cells or 100 µl whole blood.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises the CD97 cell surface antigen, a 74-89kD glycoprotein expressed by monocytes and activated lymphocytes.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: APC State: Lyophilized purified IgG fraction. Label: Allophycocyanin
Reconstitution Method:	Restore with 1ml distilled water.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	APC
Storage:	Prior to and following reconstitution store the antibody undiluted at 2-8°C. DO NOT FREEZE! 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



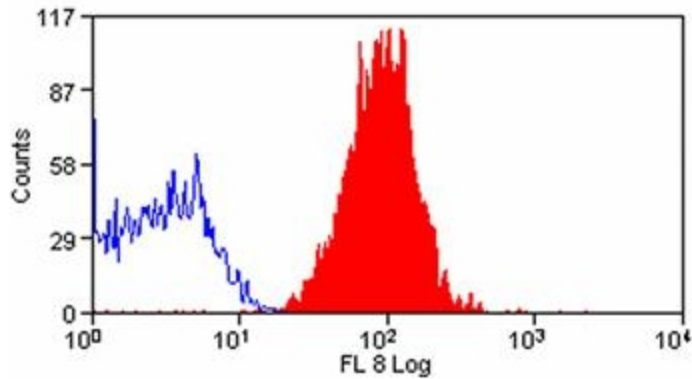
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Background:

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.

Protein Families:

Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, GPCR, Secreted Protein, Transmembrane

Product images:

Peripheral Human Granulocytes stained with Mouse Anti Human CD97-APC (SM1601APC).