

## 30-1168: Anti-CD97 Monoclonal Antibody (Clone:MEM-180)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-180
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD97
<b>Gene ID :</b>	976
<b>Uniprot ID :</b>	P48960
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD97
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	PHA-activated peripheral blood cells

### Description

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.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

**Flow Cytometry** Recommended dilution: 5 µg/ml  
**Immunoprecipitation**

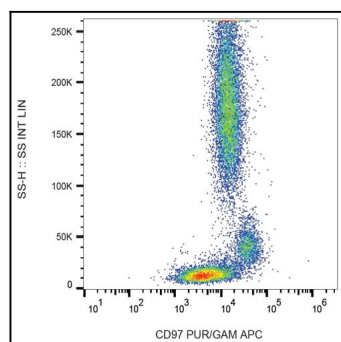


Figure 1: Flow cytometry analysis of human peripheral blood with anti-CD97 purified, GAM-APC