

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

Clonality :	Monoclonal
Clone Name :	MEM-180
Application :	FACS
Reactivity :	Human
Gene :	CD97
Gene ID :	976
Uniprot ID :	P48960
Format :	Purified
Alternative Name :	CD97
Isotype :	Mouse IgG1
Immunogen Information :	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

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

Application Note

Flow Cytometry Recommended dilution: 5 µg/ml
Immunoprecipitation

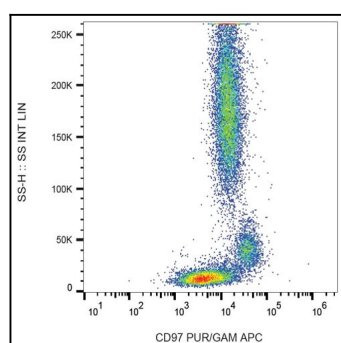


Figure 1: Flow cytometry analysis of human peripheral blood with anti-CD97 purified, GAM-APC