

Monoclonal Antibody to CD97 - FITC

Alternate names:	Leukocyte antigen CD97
Catalog No.:	SM1601F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
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.
Uniprot ID:	P48960
NCBI:	NP_001020331.1
GeneID:	976
Host / Isotype:	Mouse / IgG1
Clone:	MEM-180
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells or 100µl whole blood. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD97 cell surface antigen. Species: Human. Other species not tested.
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. Shelf life: one year from despatch.
General References:	1. Steinert, M. et al. (2002) Expression and regulation of CD97 in colorectal carcinoma cell lines and tumour tissues. Am. J. Pathol. 161: 1657 - 1667.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com