



# Anti-CD97 monoclonal antibody, clone MEM-180 [R-PE] (CABT-46903MH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse anti Human CD97 antibody, clone MEM-180 recognizes the human CD97 cell surface antigen, a 74-89kDa glycoprotein expressed by granulocytes, monocytes, some activated lymphocytes and weakly by resting lymphocytes (5-15%). Mouse anti Human CD97 antibody, clone MEM-180 has been reported to detect CD97 antigen weakly in Western blotting. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood
<b>Specificity</b>	CD97
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	MEM-180
<b>Conjugate</b>	PE
<b>Applications</b>	FC
<b>Format</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
<b>Size</b>	100 tests
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">CD97 CD97 molecule [ Homo sapiens (human) ]</a>
Official Symbol	CD97
Synonyms	CD97; CD97 molecule; TM7LN1; CD97 antigen; leukocyte antigen CD97; seven-span transmembrane protein; seven transmembrane helix receptor; seven-transmembrane, heterodimeric receptor associated with inflammation;
Entrez Gene ID	<a href="#">976</a>
Protein Refseq	<a href="#">NP_001020331</a>
UniProt ID	P48960
Chromosome Location	19p13
Pathway	Class B/2 (Secretin family receptors); Defective ACTH causes Obesity and Pro-opiomelanocortin deficiency (POMCD); Disease; GPCR ligand binding; GPCRs, Class B Secretin-like; Metabolic disorders of biological oxidation enzymes; Signal Transduction; Signaling by GPCR;
Function	G-protein coupled receptor activity; calcium ion binding; protein binding; transmembrane signaling receptor activity;