

Product datasheet MON1197

MONOSAN[®]

Mouse anti-CD97, clone MEM-180 (Monoclonal)

Clone no. MEM-180

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Product name	Mouse anti-CD97, clone MEM-180 (Monoclonal)
Host	Mouse
Applications	FC , IP
Species reactivity	Human
Conjugate	-
Immunogen	PHA-activated peripheral blood cells
Isotype	IgG1
Clonality	Monoclonal
Clone number	MEM-180
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

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.

References

1. -
2. -
3. -
4. -
5. -

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