

Mouse anti-CD98, clone IPO-T10

Clone no. IPO-T10

MONOSAN

Product name	Mouse anti-CD98, clone IPO-T10
Host	Mouse
Applications	FC, IHC-fr
Species reactivity	human
Conjugate	-
Immunogen	stimulated human PBL
Isotype	IgM
Clonality	Monoclonal
Clone number	IPO-T10
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% 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

CD98 exists as a heterodimer containing a disulphide-linked glycosylated heavy chain and a nonglycosylated light chain. It is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through disulphide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intercellular calcium levels and transport L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized. Monocytes express high levels of CD98 antigen. Peripheral blood T- and B-cells, as well as NK cells and granulocytes express low levels of CD98. Activation of T-cells and NK-cells leads to upregulation of CD98. RBCs are negative. IPO-T10 was typed at the VIth International Workshop and Conference on Human Leukocyte Differentiation Antigens

References

1. The VIth International Workshop and Conference on Human Leukocyte Differentiation Antigens
2. Woodhead VE et al. Int Immunol.12(7):1051-61 (2000)
3. Stonehouse TJ et al. Immunology 96: 35-47 (1999)
4. -
5. -

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