

SLC3A2, SLC7A5

Mouse Anti-Human CD98 (Clone IPO-T10) mAb

Catalog No.	MON2013	Quantity:	100 µg
Alternate Names:	4F2 cell-surface antigen heavy chain, CD98 heavy chain + Large neutral amino acids transporter small subunit 1, CD98 light chain		
Description:	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.		
Concentration:	0.1 mg/ml		
GeneID:	P08195 , Q01650		
Specificity:	CD98		
Host:	Mouse		
Immunogen:	Stimulated human PBL		
Isotype:	IgG1 kappa		
Clone:	IPO-T10		
Formulation:	Purified antibody in PBS with 0.05% Sodium Azide. Precaution: Sodium Azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	FC, IHC-F		
Storage & Stability:	Store at 2-8°C until expiration date.		

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