



# Mouse Anti-Human CD98 Monoclonal Antibody, clone MEM-108 (CABT-Z609M)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Human CD98
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	MEM-108
<b>Purification</b>	Purity>95 %
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	PBS (sterile), pH 7.2.
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. Avoid freeze and thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

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<b>Introduction</b>	CD98 (4F2) is a type II transmembrane glycoprotein which serves as the heavy chain of the heterodimeric amino acid transporters (HATs). CD98, linked to various light chains by disulfide bond, is responsible for cell surface expression and basolateral localization of this transporter complex in polarized epithelial cells and also interacts with $\beta 1$ integrins and increases their affinity for ligand. Besides its roles in amino acid transport, CD98 is thus involved in cell fusion and activation. It is implicated in regulation of cellular differentiation, growth and apoptosis.
<b>Keywords</b>	SLC3A2;solute carrier family 3 (amino acid transporter heavy chain), member 2;4F2;CD98;MDU1;4F2HC

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## GENE INFORMATION

<b>Gene Name</b>	SLC3A2
<b>Entrez Gene ID</b>	<a href="#">6520</a>
<b>UniProt ID</b>	<a href="#">P08195</a>

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