



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

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

BACKGROUND

Introduction

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.

Keywords

SLC3A2;solute carrier family 3 (amino acid transporter heavy chain), member 2;4F2;CD98;MDU1;4F2HC

GENE INFORMATION

Gene Name	SLC3A2
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Entrez Gene ID	6520
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UniProt ID	P08195
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