

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

30-1967: Anti-CD98 Monoclonal Antibody (Clone:MEM-108)-FITC Conjugated

Clonality: Monoclonal **Clone Name:** MEM-108 FACS, IP, IHC Application: Reactivity: Human Conjugate: FITC Gene: SLC3A2 Gene ID: 6520 **Uniprot ID:** P08195

Alternative Name: SLC3A2, MDU1, 4F2 cell-surface antigen heavy chain, 4F2 heavy chain antigen, Lymphocyte

activation antigen 4F2 large subunit, Solute carrier family 3 member 2

Isotype: Mouse IgG1

Immunogen Information: RAJI human Burkitt's lymphoma cell line

Description

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 beta1 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.

Product Info

Amount: 100 tests

Storage condition: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

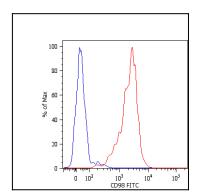


Figure 1:Surface staining of human peripheral blood cells with anti-human CD98 (MEM-108) FITC. Cells in the monocyte gate were used for analysis.