

Anti-CD98 [18-2a 7.1] Bulk Size Ab03834-23.0-BT

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 18-2a 7.1

Alternative Name(s) of Target: LAT1; E16; MPE16; SLC7A5

UniProt Accession Number of Target Protein: Q01650

Published Application(s): FACS, SPR

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing male 129S6/SvEv mice with human CD98 (huCD98)-expressing tumor cells.

Specificity: The antibody is specific for CD98.

Application Notes: Binding affinities of the murine and chimeric version of the antibody were determined using FACS analysis (Kd values between 0.9 nM and 4.5 nM). The chimeric antibody was also subjected to FACS analysis using three AML primary tumor samples and one cell line expressing cynomolgus monkey CD98 (cynCD98). The results demonstrated that the chimeric retained binding to human CD98 on AML cells and on cynCD98. The binding affinity of the murine, chimeric and humanized version of the antibody to CD98 was measured by surface plasmon resonance (JP2015501639A5).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.