



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD98 [CP1-5] Bulk Size Ab00361-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original mouse IgG1 format for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: CP1-5

Alternative Name(s) of Target: oncoprotein CD98; large neutral amino acid transporter; LAT1

UniProt Accession Number of Target Protein: P08195 and Q01650

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: Epitope peptide (LLHGDFHAFSAG-GGGCCD) linked to KLH.

Specificity: Binds specifically to human CD98.

Application Notes: This monoclonal antibody specifically binds to CD98, a heterodimeric glycoprotein forming the large neutral amino acid transporter (LAT1) which preferentially transports branched-chain and aromatic amino acids.

Antibody First Published in: Itoh et al. 2009 Antibody epitope peptides as potential inducers of IgG antibodies against CD98 oncoprotein. Cancer Science 2009; 100(1):126-131 [PMID:19018757](#)

Note on publication: Describes the design of peptides based on the epitope of a tumour suppressive anti-CD98 antibody, used to generate further IgG1 antibodies.

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.