



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-CD98 [CP1-5] Bulk Size Ab00361-1.4-BT

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

**Isotype and Format:** Mouse 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.