



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

CTSD monoclonal antibody (M01), clone 3F12-1B9

Catalog Number: H00001509-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant CTSD.

Clone Name: 3F12-1B9

Immunogen: CTSD (AAH16320, 26 a.a. ~ 412 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

LHKFTSIRRTMSEVGGSVEDLIAKGPVSKYSQAVPAVT
EGPIPEVLKNYMDAQYYGEIGITPPQCFTVVFDTGSS
NLWVPSIHCKLLDIACWIHHKYNDSKSSTYVKNGTSFD
IHYGSGSLSGYLSQDTSVPCQSASSASALGGVKVER
QVFGAATKQPGITFIAAKFDGILGMAYPRISVNNVLPVF
DNLMQQKLVDQNIFSFYLSRDPDAQPGGELMLGGTD
SKYYKGSLSYLVNTRKAYWQVHLDQVEVASGLTLCKE
GCEAIVDTGTSLMVGPVDEVRELQKAIGAVPLIQGEYM
IPCEKVSTLPAITLKLGGKGYKLSPEYTLKVSQAGKTL
CLSGFMGMDIPPPSGPLWILGDVFIGRYTTFDRDNN
RVGFAEAARL

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, IP, S-ELISA, WB-Re,
WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1509

Gene Symbol: CTSD

Gene Alias: CLN10, CPSD, MGC2311

Gene Summary: This gene encodes a lysosomal aspartyl protease composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. This proteinase, which is a member of the peptidase C1 family, has a specificity similar to but narrower than that of pepsin A. Transcription of this gene is initiated from several sites, including one which is a start site for an estrogen-regulated transcript. Mutations in this gene are involved in the pathogenesis of several diseases, including breast cancer and possibly Alzheimer disease. [provided by RefSeq]

References:

1. Characterization of the Human Gastric Fluid Proteome Reveals Distinct pH-Dependent Protein Profiles: Implications for Biomarker Studies. Kam SY, Hennessy T, Chua SC, Gan CS, Philp R, Hon KK, Lai L, Chan WH, Ong HS, Wong WK, Lim KH, Ling KL, Tan HS, Tan MM, Ho M, Kon OL. J Proteome Res. 2011 Aug 15. [Epub ahead of print]