



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

## CTSK monoclonal antibody (M03), clone 1B11

Catalog # : H00001513-M03

規格 : [ 100 ug ]

List All

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant CTSK.

**Immunogen:** CTSK (AAH16058, 220 a.a. ~ 329 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:** KCRGYREIPEGNEKALKRAVARVGPVSVDAIDASLTSFQFYSGVYYDES  
CNSDNLNHAVLAVGYGIQKGNKHWHIKNSWGENWGNKGYILMARNKNNNA  
CGIANLASFPKM

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG2b Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.

**Storage Buffer:** In 1x PBS, pH 7.4

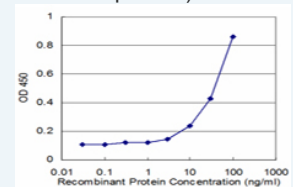
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

### Application Image

Sandwich ELISA (Recombinant protein)

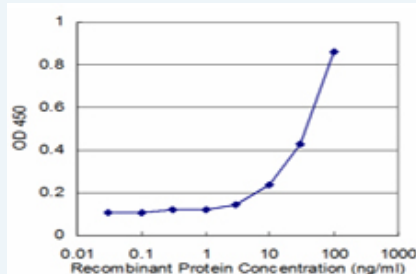


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ELISA

### Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged CTSK is approximately 3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

### Gene Information

**Entrez GeneID:** [1513](#)

**GeneBank** [BC016058](#)

**Accession#:****Protein** [AAH16058](#)**Accession#:****Gene Name:** CTSK**Gene Alias:** CTS02,CTSO,CTSO1,CTSO2,MGC23107,PKND,PYCD**Gene** cathepsin K**Description:****Omim ID:** [265800](#), [601105](#)**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a lysosomal cysteine proteinase involved in bone remodeling and resorption. This protein, which is a member of the peptidase C1 protein family, is predominantly expressed in osteoclasts. However, the encoded protein is also expressed in a significant fraction of human breast cancers, where it could contribute to tumor invasiveness. Mutations in this gene are the cause of pycnodysostosis, an autosomal recessive disease characterized by osteosclerosis and short stature. This gene may be subject to RNA editing. [provided by RefSeq]

**Other Designations:** OTTHUMP00000032938,cathepsin O1,cathepsin O2,cathepsin X**Gene Pathway**[Lysosome](#)**Related Disease**

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