



# 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) 

## S100A8 monoclonal antibody (M01), clone 2H2

Catalog # : H00006279-M01

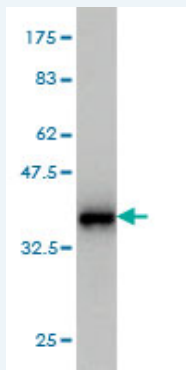
規格 : [ 100 ug ]

List All

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full length recombinant S100A8.
<b>Immunogen:</b>	S100A8 (AAH05928.1, 1 a.a. ~ 93 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MLTELEKALNSIIDVYHKYSLIKGNFHAVYRDDLLKLLLETCPQYIRKKGADVWFKELDINTDGAVNFQEFLILVIKMGVAAHKKSHKE
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG2a Kappa

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



Western Blot detection against Immunogen (35.97 KDa) .

**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](#)

### Applications

**Western Blot (Recombinant protein)**

[Protocol Download](#)

**Sandwich ELISA (Recombinant protein)**

Detection limit for recombinant GST tagged S100A8 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

**ELISA**

### Application Image

Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)

ELISA

## Gene Information

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**Entrez GeneID:** [6279](#)

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**GeneBank  
Accession#:** [BC005928](#)

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**Protein  
Accession#:** [AAH05928.1](#)

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**Gene Name:** S100A8

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**Gene Alias:** 60B8AG,CAGA,CFAG,CGLA,CP-10,L1Ag,MA387,MIF,MRP8,NIF,P8

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**Gene  
Description:** S100 calcium binding protein A8

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**Omim ID:** [123885](#)

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**Gene Ontology:** [Hyperlink](#)

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**Gene Summary:** The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and as a cytokine. Altered expression of this protein is associated with the disease cystic fibrosis. [provided by RefSeq]

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**Other  
Designations:** OTTHUMP00000015329,OTTHUMP00000015330,S100 calcium-binding protein A8,S100 calcium-binding protein A8 (calgranulin A),calgranulin A,cystic fibrosis antigen

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## Related Disease

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[Aggressive Periodontitis](#) [Dermatitis](#), [Atopic](#) [Genetic Predisposition to Disease](#)  
[Kidney Calculi](#) [Periodontitis](#)

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