



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) 

S100B monoclonal antibody (M52), clone 2A10

Catalog # : H00006285-M52

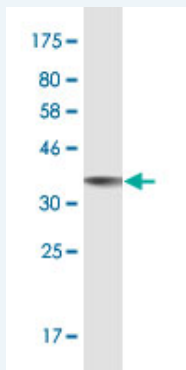
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant S100B.
Immunogen:	S100B (NP_006263.1, 1 a.a. ~ 92 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSELEKAMVALIDVVFHQYSGREGDKHKLKSELKELINNELSHFLEEIQE EVDKVMETLDNDGDGECDFQEFMAFVAMVTTACHEFFEHE
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.86 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

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

Datasheet:  [Download](#)

Publication Reference

1. [Magnetic bead-quantum dot assay for detection of a biomarker for traumatic brain injury.](#)
Kim C, Searson PC. *Nanoscale*. 2015 Nov 14;7(42):17820-6.

Applications

Western Blot (Recombinant protein)

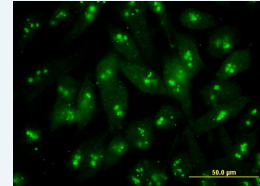
 [Protocol Download](#)


Immunofluorescence

Application Image

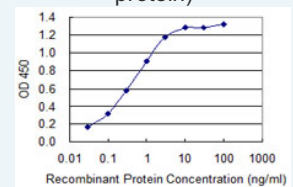
Western Blot (Recombinant protein)


Immunofluorescence



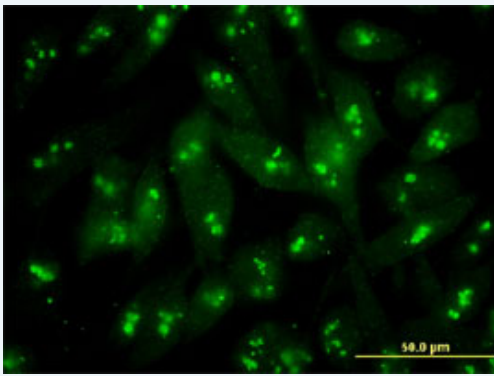
 [enlarge](#)

Sandwich ELISA (Recombinant protein)



 [enlarge](#)

ELISA

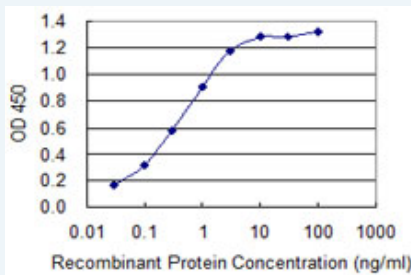


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to S100B on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged S100B is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6285](#)

GeneBank Accession#: [NM_006272.1](#)

Protein Accession#: [NP_006263.1](#)

Gene Name: S100B

Gene Alias: NEF,S100,S100beta

Gene Description: S100 calcium binding protein B

Omim ID: [176990](#)

Gene Ontology: [Hyperlink](#)

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; however, this gene is located at 21q22.3. This protein may function in Neurite extension, proliferation of melanoma cells, stimulation of Ca²⁺ fluxes, inhibition of PKC-mediated phosphorylation, astrocytosis and axonal proliferation, and inhibition of microtubule assembly. Chromosomal rearrangements and altered expression of this gene have been implicated in several neurological, neoplastic, and other types of diseases, including Alzheimer's disease, Down's syndrome, epilepsy, amyotrophic lateral sclerosis, melanoma, and type I diabetes. [provided

by RefSeq

Other OTTHUMP00000174958,S-100 calcium-binding protein, beta
Designations: chain,S100 beta,S100 calcium binding protein, beta (neural),S100
calcium-binding protein, beta,S100 calcium-binding protein, beta
(neural)

Related Disease

[Alzheimer disease](#) [Bipolar Disorder](#) [Cognition Disorders](#) [Dementia](#)
[Depressive Disorder](#), [Major Diseases in Twins](#) [Genetic Predisposition to Disease](#)
[Mental Disorders](#) [Neuropsychological Tests](#) [Psychotic Disorders](#) [Schizophrenia](#)
[Schizophrenia](#)

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.