



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) 

ACE monoclonal antibody (M02), clone 4B10

Catalog # : H00001636-M02

規格 : [100 ug]

[List All](#)

Specification

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

Immunogen: ACE (AAH36375, 592 a.a. ~ 701 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

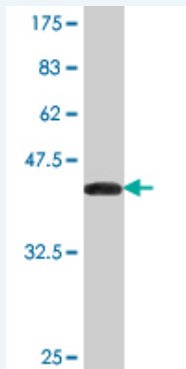
Sequence: RLATAMKLGFSRPWPEAMQLITGQPNMSASAMLSYFKPLLDWLRTE
LHGEKLGWPQYNWTPNSDDFYNETETKIFLQFYDQGTGIWDHGAPHLPP
SQARGTREPYYM

Host: Mouse

Reactivity: Human

Isotype: IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.73 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)

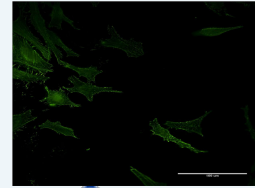
[Protocol Download](#)

Immunofluorescence

Application Image

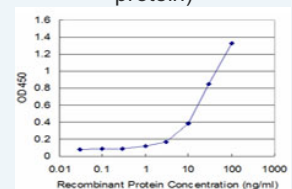
Western Blot (Recombinant protein)

Immunofluorescence



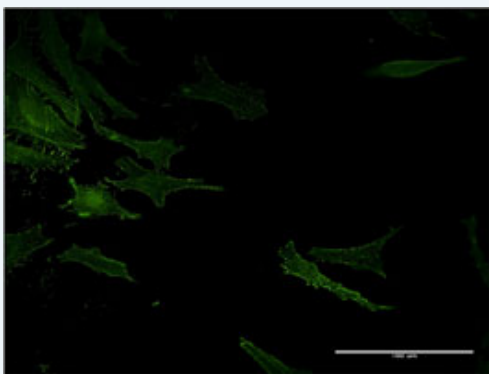
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

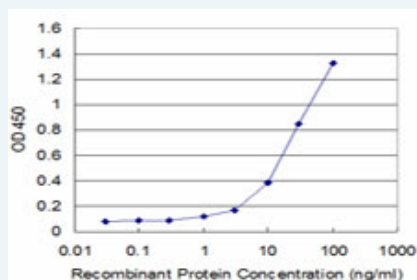


[enlarge this image](#)

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

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged ACE is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1636](#)

GeneBank Accession#: [BC036375](#)

Protein Accession#: [AAH36375](#)

Gene Name: ACE

Gene Alias: ACE1,CD143,DCP,DCP1,MGC26566

Gene Description: angiotensin I converting enzyme (peptidyl-dipeptidase A) 1

Omim ID: [104300](#), [106180](#), [267430](#), [603933](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an enzyme involved in catalyzing the conversion of angiotensin I into a physiologically active peptide angiotensin II. Angiotensin II is a potent vasopressor and aldosterone-stimulating peptide that controls blood pressure and fluid-electrolyte balance. This enzyme plays a key role in the renin-angiotensin system. Many studies have associated the presence or absence of a 287 bp Alu repeat element in this gene with the levels of circulating enzyme or cardiovascular pathophysiologies. Two most abundant alternatively spliced variants of this gene encode two isozymes - the somatic form and the testicular form that are equally active. Multiple additional alternatively spliced variants have been identified but their full length nature has not been determined. [provided by RefSeq]

Other CD143 antigen,angiotensin I converting enzyme,angiotensin converting
Designations: enzyme, somatic isoform,carboxypeptidase,dipeptidyl carboxypeptidase
1,kininase II,peptidase P,peptidyl-dipeptidase A,testicular ECA

Gene Pathway

[Hypertrophic cardiomyopathy \(HCM\)](#) [Renin-angiotensin system](#)

Related Disease

[Abortion, Habitual](#) [Abortion, Spontaneous](#) [Accelerated Idioventricular Rhythm](#) [Acidosis](#)
[Acromegaly](#) [Acute Disease](#) [Adenocarcinoma](#) [Adenoma](#) [Adrenal Gland Neoplasms](#)
[Aggressive Periodontitis](#) [Albuminuria](#) [Alcohol](#) [Amnestic Disorder](#) [Alcoholism](#)
[Altitude Sickness](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Amnesia](#) [Anemia](#)
[Anemia, Sickle Cell](#)

[... see more](#)

[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.