



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

CIDEA monoclonal antibody (M01), clone 4B9

Catalog Number: H00001149-M01

Regulatory Status: For research use only (RUO)

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

Clone Name: 4B9

Immunogen: CIDEA (AAH31896, 1 a.a. ~ 253 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MRGDRASGGPGNHNGSWAREGPRLGPSWKRLWS
PRGGPNRPAEPSRPLTFMGSQTKRVLFTPLMHPARPF
RVSNHDRSSRRGVMASSLQELISKTLDALVIATGLVTL
VLEEDGTVVDTEEFFQTLGDNTHFMILEKGQKWMPGS
QHVPTCSPPKRSGIARVTFDLRYLNPKDFIGCLNVKAT
MYEMYSVSYDIRCTGLKGLLRSLRFLSYSAQVTGQFL
IYLGTYMLRVLDDKEERPSLRSAKGRFTCG

Host: Mouse

Reactivity: Human

Applications: ELISA, 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: IgG2a 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: 1149

Gene Symbol: CIDEA

Gene Alias: CIDE-A

Gene Summary: This gene encodes the homolog of the mouse protein Cidea that has been shown to activate apoptosis. This activation of apoptosis is inhibited by the DNA fragmentation factor DFF45 but not by caspase inhibitors. Mice that lack functional Cidea have higher metabolic rates, higher lipolysis in brown adipose tissue and higher core body temperatures when subjected to cold. These mice are also resistant to diet-induced obesity and diabetes. This suggests that in mice this gene product plays a role in thermogenesis and lipolysis. Two alternative transcripts encoding different isoforms have been identified. [provided by RefSeq]

References:

1. Immunotherapeutic Potential of Anti-Human Endogenous Retrovirus-K Envelope Protein Antibodies in Targeting Breast Tumors. Wang-Johanning F, Rycaj K, Plummer JB, Li M, Yin B, Frerich K, Garza JG, Shen J, Lin K, Yan P, Glynn SA, Dorsey TH, Hunt KK, Ambbs S, Johanning GL. J Natl Cancer Inst. 2012 Feb 8;104(3):189-210. Epub 2012 Jan 12.
2. Differential regulation of CIDEA and CIDEA expression by insulin via Akt1/2- and JNK2-dependent pathways in human adipocytes. Ito M, Nagasawa M, Omae N, Ide T, Akasaka Y, Murakami K. J Lipid Res. 2011 Jun 2. [Epub ahead of print]
3. Differential roles of CIDEA and CIDEA in insulin-induced anti-apoptosis and lipid droplet formation in human adipocytes. Ito M, Nagasawa M, Hara T, Ide T, Murakami K. J Lipid Res. 2010 Jul;51(7):1676-84. doi: 10.1194/jlr.M002147. Epub 2010 Feb 14.