

Summary

Production Name	CIDEc Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB, ICC, FC, ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	CIDEc
Alternative Names	CIDE3; FPLD5; FSP27; CIDE-3
Gene ID	63924.0
SwissProt ID	Q96AQ7. Purified recombinant fragment of human CIDEc (AA: 53-141) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000, ICC:1:200-1:1000, FC:1:200-1:400, ELISA:1:10000
Molecular Weight	26.8kDa

Background

Product Name: CIDEc Mouse Monoclonal Antibody
Catalog #: AMM81501

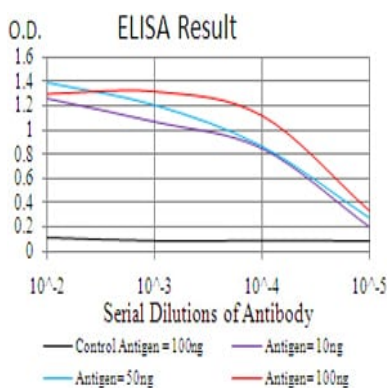


This gene encodes a member of the cell death-inducing DNA fragmentation factor-like effector family. Members of this family play important roles in apoptosis. The encoded protein promotes lipid droplet formation in adipocytes and may mediate adipocyte apoptosis. This gene is regulated by insulin and its expression is positively correlated with insulin sensitivity. Mutations in this gene may contribute to insulin resistant diabetes. A pseudogene of this gene is located on the short arm of chromosome 3. Alternatively spliced transcript variants that encode different isoforms have been observed for this gene.

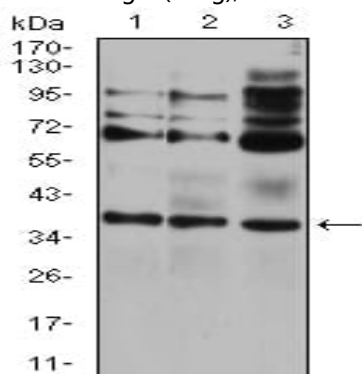
Research Area

Apoptosis

Image Data

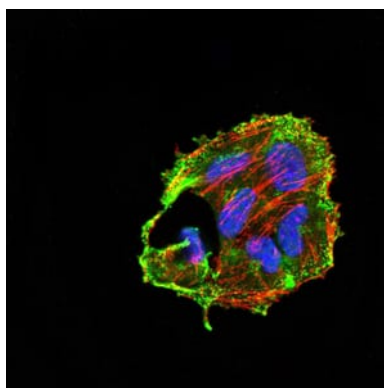


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

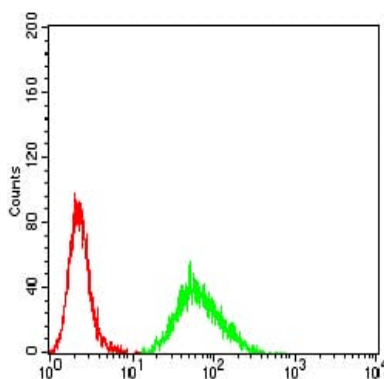


Western blot analysis using CIDEc mouse mAb against HEK293 (1), A431 (2), and HCT116 (3) cell lysate.

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Immunofluorescence analysis of HeLa cells using CIDEc mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HeLa cells using CIDEc mouse mAb (green) and negative control (red).

Note

For research use only.