

Mouse anti-Human PLIN2 Monoclonal Antibody | anti-PLIN2 antibody

Anti-PLIN2 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14145	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

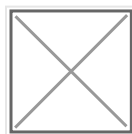
PRODUCT SYNONYMS

PLIN2; Monoclonal Antibody; Anti-PLIN2 Mouse mAb; ADFP; ADRP; anti-PLIN2 antibody

PRODUCT SPECIFICATIONS

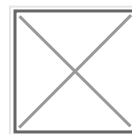
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2C5H8
Form/Format	Purified antibody in PBS with 0.05% sodium azide and 0.5% protein stabilizer
Sequence Length	437
Applicable Applications for anti-PLIN2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human PLIN2 (AA: 286-437) expressed in E Coli.

IMAGES



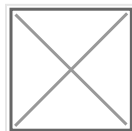
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using PLIN2 mouse mAb with DAB staining.



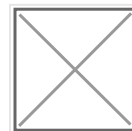
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PLIN2 mouse mAb with DAB staining.



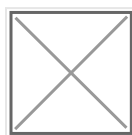
FCM (Flow Cytometry)

Flow cytometric analysis of HepG2 cells using PLIN2 mouse mAb (green) and negative control (red).



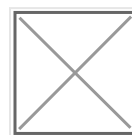
IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells using PLIN2 mouse mAb (green). Blue (DAPI).



WB (Western Blot)

Western blot analysis using PLIN2 mouse mAb against HepG2 cell lysate.



WB (Western Blot)

Western blot analysis using PLIN2 mAb against HEK293 (1) and PLIN2 (AA).

ADDITIONAL INFORMATION

Related Product Information for anti-PLIN2 antibody	Entrez Summary: The protein encoded by this gene belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Alternatively spliced transcript variants have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34577059
NCBI GeneID	123
NCBI Accession #	NP_001113.2
NCBI GenBank Nucleotide #	NM_001122.3
UniProt Accession #	Q99541; Q9BSC3
Molecular Weight	48
NCBI Official Full Name	perilipin-2
NCBI Official Synonym Full Names	perilipin 2
NCBI Official Symbol	PLIN2
NCBI Official Synonym Symbols	ADFP; ADRP
NCBI Protein Information	perilipin-2
UniProt Protein Name	Perilipin-2
UniProt Gene Name	PLIN2
UniProt Synonym Gene Names	ADFP; ADRP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/plin2-antibody-clone-2c5h8-western-blot-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/14145>