

# Product Datasheet

## Perilipin-2/ADFP Antibody (2C5H8) - BSA Free NBP2-37300

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-37300**

Perilipin-2/ADFP Antibody (2C5H8) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2C5H8
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	48 kDa

**Product Description**

<b>Description</b>	Novus Biologicals Mouse Perilipin-2/ADFP Antibody (2C5H8) - BSA Free (NBP2-37300) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Perilipin-2/ADFP Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	123
<b>Gene Symbol</b>	PLIN2
<b>Species</b>	Human
<b>Immunogen</b>	Purified recombinant fragment of human Perilipin-2/ADFP (AA: 286-437) expressed in E. Coli.

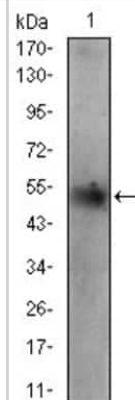
**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000, CyTOF-ready
<b>Application Notes</b>	This antibody is Cytof ready.

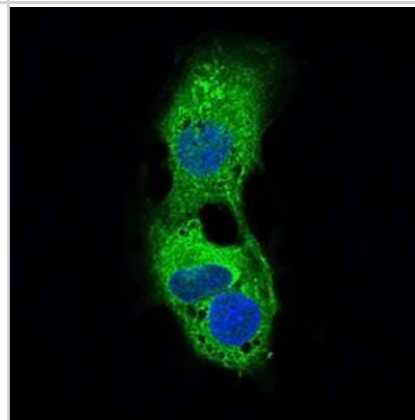


## Images

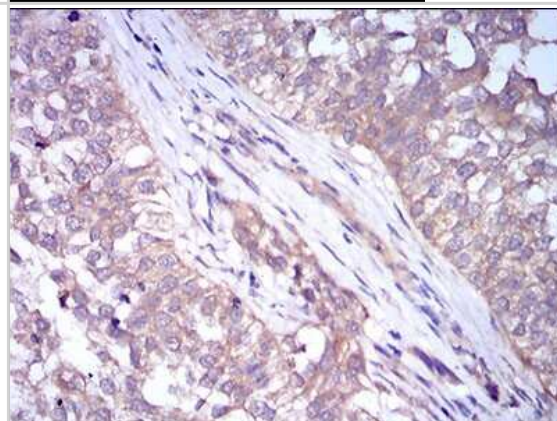
Western Blot: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis using PLIN2 mouse mAb against HepG2 cell lysate.



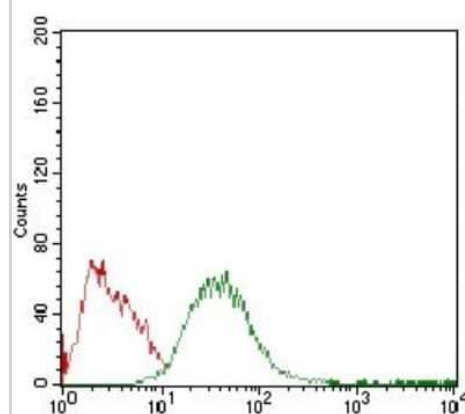
Immunocytochemistry/Immunofluorescence: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Immunofluorescence analysis of HepG2 cells using PLIN2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



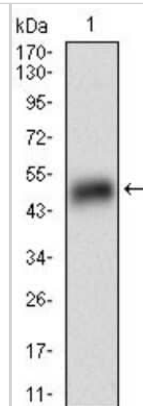
Immunohistochemistry-Paraffin: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis of bladder cancer tissues using PLIN2 mouse mAb with DAB staining.



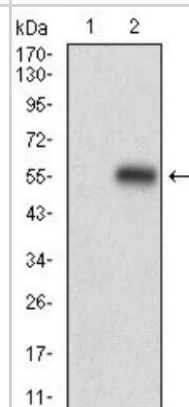
Flow Cytometry: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis of HepG2 cells using PLIN2 mouse mAb (green) and negative control (red).



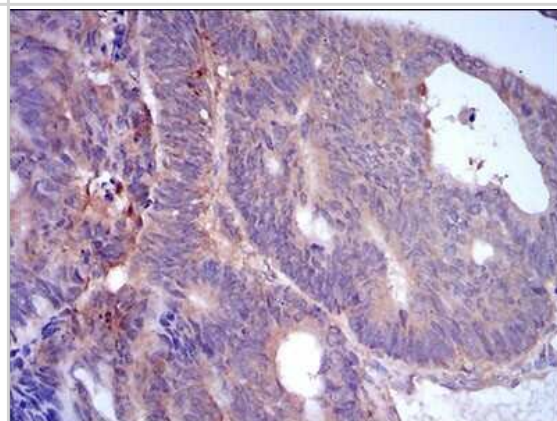
Western Blot: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis using PLIN2 mAb against human PLIN2 (AA: 286-437) recombinant protein. (Expected MW is 42.6 kDa)



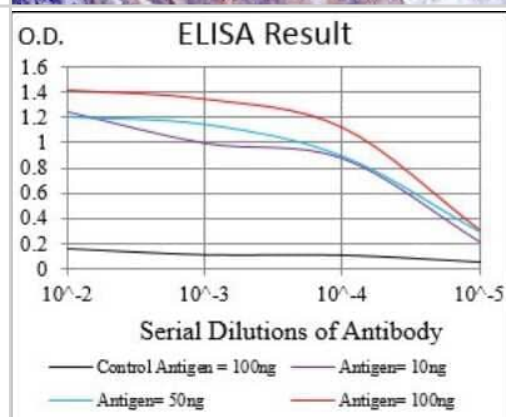
Western Blot: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis using PLIN2 mAb against HEK293 (1) and PLIN2 (AA: 286-437)-hlgGFc transfected HEK293 (2) cell lysate.



Immunohistochemistry-Paraffin: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis of rectum cancer tissues using PLIN2 mouse mAb with DAB staining.



ELISA: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Valtierra-Alvarado MA, Lugo-Villarino G, DueNas-Arteaga F Et al. Impact of Type 2 Diabetes on the capacity of human macrophages infected with Mycobacterium tuberculosis to modulate monocyte differentiation through a bystander effect Immunology and cell biology 2021-08-11 [PMID: 34379824]

SAnchez-Romero C, CarreOn-Burciaga R, GOnzalez-GOnzalez R et al. Perilipin 1 and adipophilin immunoexpression suggests the presence of lipid droplets in tooth germ, ameloblastoma, and ameloblastic carcinoma Journal of oral pathology & medicine : official publication of the International Association of Oral Pathologists and the American Academy of Oral Pathology 2021-03-18 [PMID: 33733498] (IHC-P, Human)





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### **Products Related to NBP2-37300**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB110-40878PEP	Perilipin-2/ADFP Antibody Blocking Peptide

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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