

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

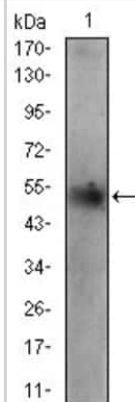
Product Description	
Description	Novus Biologicals Mouse Perilipin-2/ADFP Antibody (2C5H8) - BSA Free (NBP2-37300) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Perilipin-2/ADFP Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our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

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	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
Application Notes	This antibody is Cytof ready.

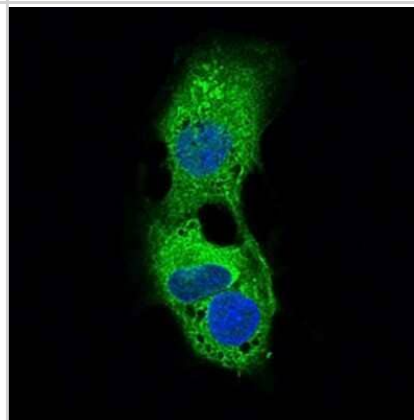


## Images

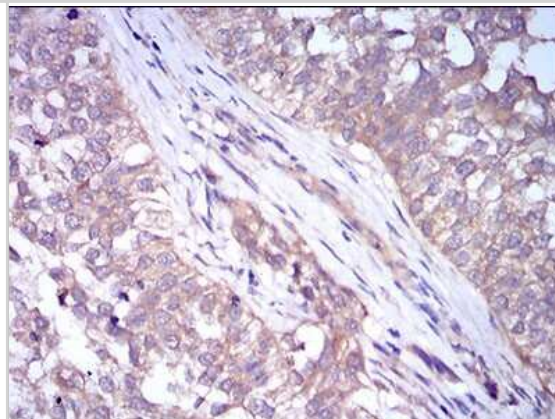
Western Blot: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis using PLIN2 mouse mAb against HepG2 cell lysate.



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



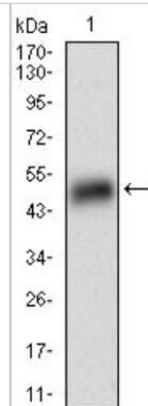
Immunohistochemistry-Paraffin: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis of bladder cancer tissues using PLIN2 mouse mAb with DAB staining.



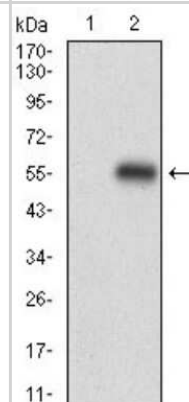
Flow Cytometry: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis of HepG2 cells using PLIN2 mouse mAb (green) and negative control (red).



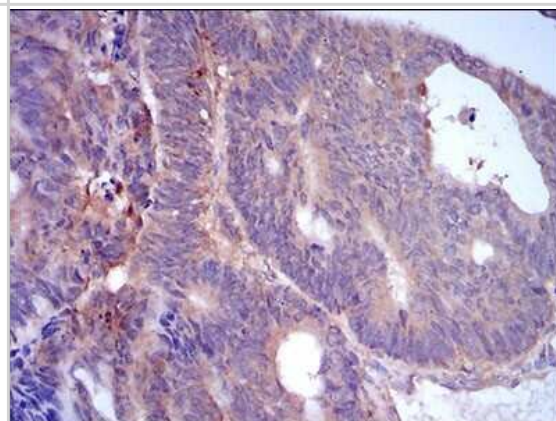
Western Blot: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis using PLIN2 mAb against human PLIN2 (AA: 286-437) recombinant protein. (Expected MW is 42.6 kDa)



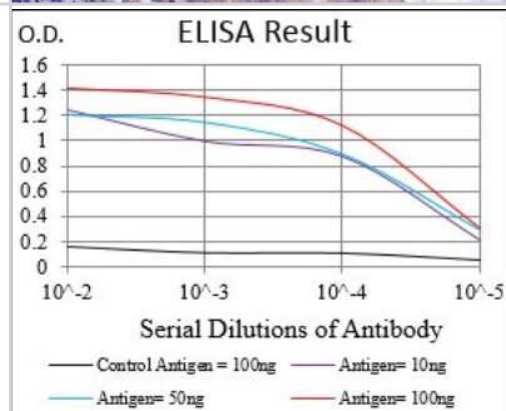
Western Blot: Perilipin-2/ADFP Antibody (2C5H8) [NBP2-37300] - Analysis using PLIN2 mAb against HEK293 (1) and PLIN2 (AA: 286-437)-hlgGFc transfected HEK293 (2) cell lysate.



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**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **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.

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