

# Product Datasheet

## Perilipin-2/ADFP Antibody (2C5A3) - Azide and BSA Free NBP2-80907

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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**NBP2-80907**

Perilipin-2/ADFP Antibody (2C5A3) - Azide and 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>         | 2C5A3  |
| <b>Preservative</b>  | No Preservative  |
| <b>Isotype</b>       | IgG1   |
| <b>Purity</b>        | Ammonium sulfate precipitation   |
| <b>Buffer</b>        | PBS  |

**Product Description**

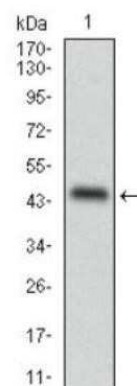
|                    |  |
|--------------------|--|
| <b>Description</b> | Novus Biologicals Mouse Perilipin-2/ADFP Antibody (2C5A3) - Azide and BSA Free (NBP2-23486) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Mouse  |
| <b>Gene ID</b>     | 123  |
| <b>Gene Symbol</b> | PLIN2  |
| <b>Species</b>     | Human  |
| <b>Immunogen</b>   | Partial recombinant human ADFP (between residues 200-437) expressed in E. coli [UniProt Q99541]  |

**Product Application Details**

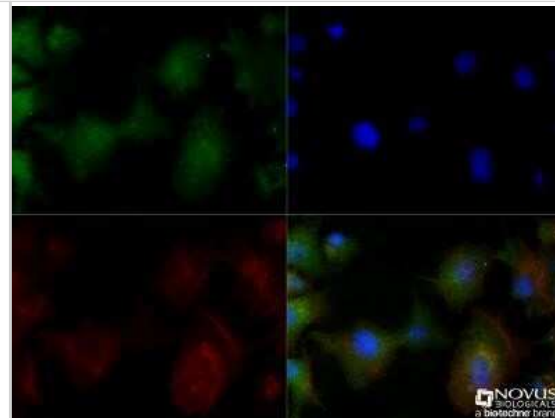
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry  |
| <b>Recommended Dilutions</b> | Western Blot 1:500 - 1:2000, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:100, Immunohistochemistry-Paraffin 1:200 - 1:1000 |

**Images**

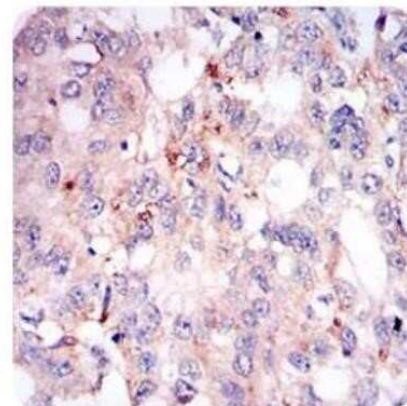
Western Blot: Perilipin-2/ADFP Antibody (2C5A3) - Azide and BSA Free [NBP2-80907] - Analysis of ADFP in human ADFP recombinant protein. (Expected MW is 42.6 kDa) Image from the standard format of this antibody.



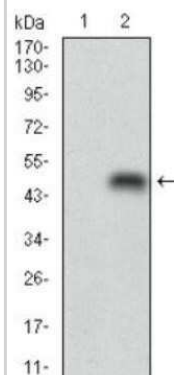
**Immunocytochemistry/Immunofluorescence:** Perilipin-2/ADFP Antibody (2C5A3) - Azide and BSA Free [NBP2-80907] - HepG2 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton X-100. The cells were incubated with anti-ADFP/Perilipin-2 (2C5A3) NBP2-23486 at a 1:50 dilution overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:500 dilution. Actin was counterstained using Phalloidin at a 1:200 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



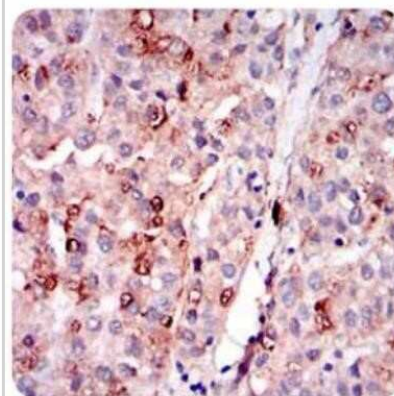
**Immunohistochemistry:** Perilipin-2/ADFP Antibody (2C5A3) - Azide and BSA Free [NBP2-80907] - Analysis of ADFP in paraffin-embedded human esophageal cancer tissues with DAB staining. Image from the standard format of this antibody.



**Western Blot:** Perilipin-2/ADFP Antibody (2C5A3) - Azide and BSA Free [NBP2-80907] - Analysis of ADFP in (1) HEK293 and (2) PLIN2 hlgGfc transfected HEK293 cell lysate. Image from the standard format of this antibody.



**Immunohistochemistry-Paraffin:** Perilipin-2/ADFP Antibody (2C5A3) - Azide and BSA Free [NBP2-80907] - Analysis of ADFP in paraffin-embedded human liver cancer tissues with DAB staining. Image from the standard format of this antibody.





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### **Products Related to NBP2-80907**

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|                  |   |
|------------------|---|
| 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              |

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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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