

# Product Datasheet

## Ornithine Decarboxylase Antibody (ODC1/487) - Azide and BSA Free NBP2-47837-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-47837-0.1mg**

Ornithine Decarboxylase Antibody (ODC1/487) - Azide and BSA Free

| Product Information     |                                                 |
|-------------------------|-------------------------------------------------|
| Unit Size               | 0.1 mg                                          |
| Concentration           | 1.0 mg/ml                                       |
| Storage                 | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                                      |
| Clone                   | ODC1/487                                        |
| Preservative            | No Preservative                                 |
| Isotype                 | IgG2a Kappa                                     |
| Purity                  | Protein A or G purified                         |
| Buffer                  | 10 mM PBS                                       |
| Target Molecular Weight | 53 kDa                                          |

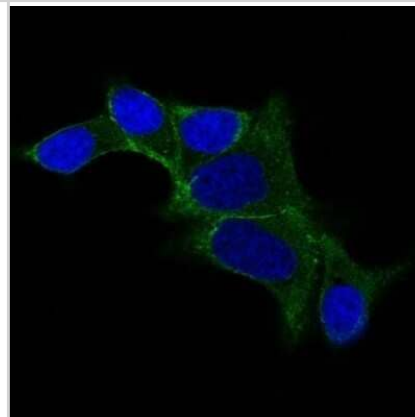
| Product Description |                                                                                                                                                                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44735).<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host                | Mouse                                                                                                                                                                                                                                                                         |
| Gene ID             | 4953                                                                                                                                                                                                                                                                          |
| Gene Symbol         | ODC1                                                                                                                                                                                                                                                                          |
| Species             | Human, Mouse, Rat                                                                                                                                                                                                                                                             |
| Immunogen           | Recombinant human Ornithine Decarboxylase protein (Uniprot: P11926)                                                                                                                                                                                                           |

| Product Application Details |                                                                                                                                                                                                                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence                                                                                                                                                 |
| Recommended Dilutions       | Western Blot 0.5 - 1.0 ug/ml, Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml, CyTOF-ready                                                              |
| Application Notes           | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |

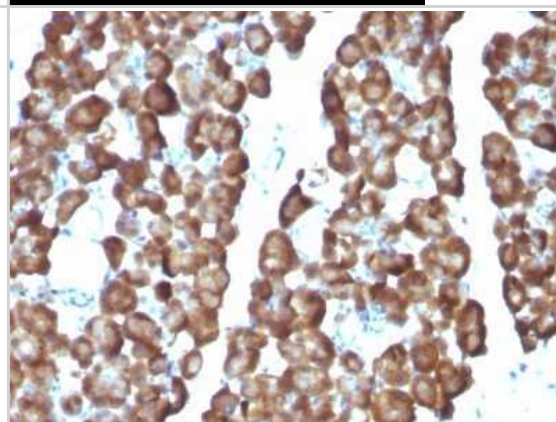


## Images

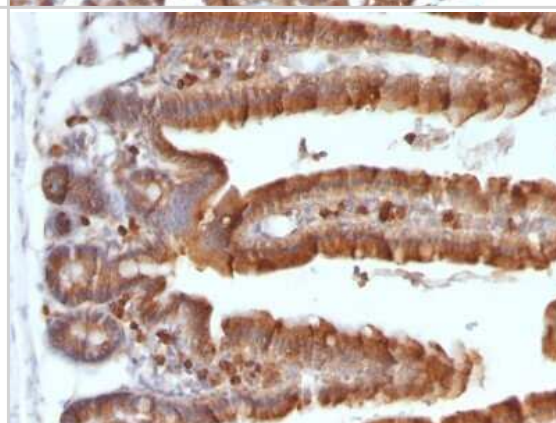
Immunocytochemistry/Immunofluorescence: Ornithine Decarboxylase Antibody (ODC1/487) - Azide and BSA Free [NBP2-47837] - IF staining of LNCap cells using AF488 labeled Ornithine Decarboxylase Antibody (ODC1/487). (Green). DAPI was used to stain the cell nuclei (blue).



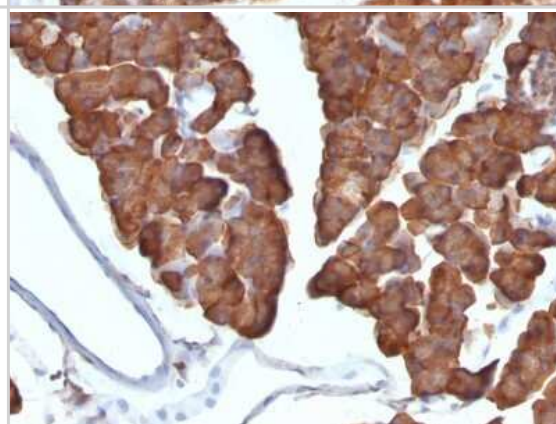
Immunohistochemistry-Paraffin: Ornithine Decarboxylase Antibody (ODC1/487) - Azide and BSA Free [NBP2-47837] - Rat Pancreas stained with ODC1 Monoclonal Antibody (ODC1/487)



Immunohistochemistry-Paraffin: Ornithine Decarboxylase Antibody (ODC1/487) - Azide and BSA Free [NBP2-47837] - Formalin-fixed, paraffin-embedded Mouse Small Intestine stained with Ornithine Decarboxylase Antibody (ODC1/487)



Immunohistochemistry-Paraffin: Ornithine Decarboxylase Antibody (ODC1/487) - Azide and BSA Free [NBP2-47837] - Formalin-fixed, paraffin-embedded Mouse Pancreas stained with Ornithine Decarboxylase Antibody (ODC1/487)





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### **Products Related to NBP2-47837-0.1mg**

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|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg | Mouse IgG2a Kappa Isotype Control (M2AK)                |
| NBP1-72494-50ug  | Recombinant Human Ornithine Decarboxylase His Protein   |

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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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