

# Product Datasheet

## ACE-2 Antibody (OTI4D2) NBP2-46490

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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Updated 9/9/2025 v.20.1

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**NBP2-46490**

ACE-2 Antibody (OTI4D2)

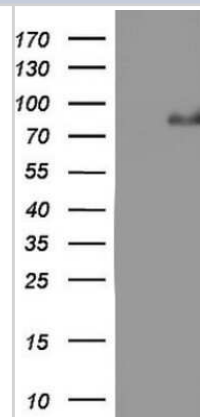
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml                                   |
| Concentration       | 1 mg/ml                                  |
| Storage             | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality           | Monoclonal                               |
| Clone               | OTI4D2                                   |
| Preservative        | 0.02% Sodium Azide                       |
| Isotype             | IgG2a                                    |
| Purity              | Immunogen affinity purified              |
| Buffer              | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |

| Product Description |  |
|---------------------|--|
| Description         | Novus Biologicals Mouse ACE-2 Antibody (OTI4D2) (NBP2-46490) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-ACE-2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse  |
| Gene ID             | 59272  |
| Gene Symbol         | ACE2   |
| Species             | Human  |
| Immunogen           | Human recombinant protein fragment corresponding to amino acids 18-237 of human ACE2 (NP_068576) produced in E.coli.   |

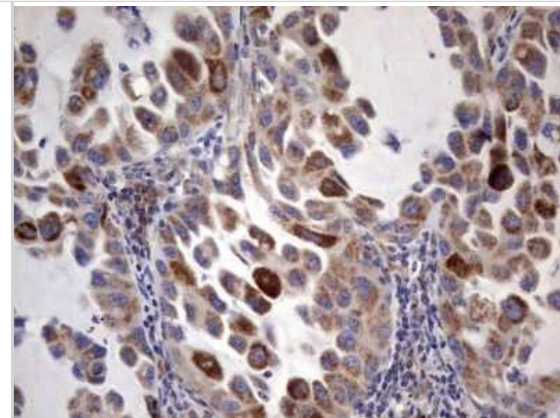
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                   |
| Recommended Dilutions       | Western Blot 1:200, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150 |

**Images**

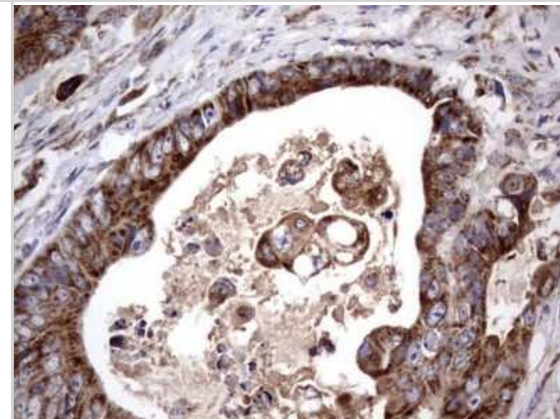
Western Blot: ACE-2 Antibody (OTI4D2) [NBP2-46490] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACE-2.



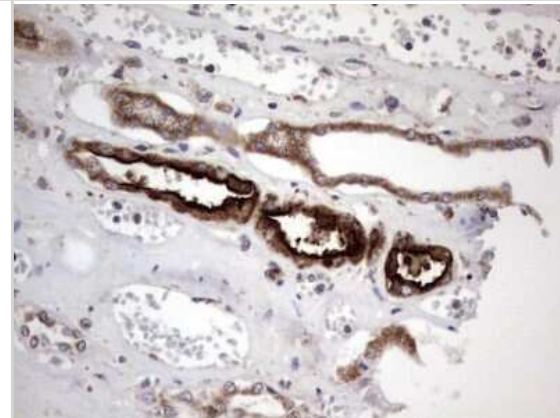
Immunohistochemistry: ACE-2 Antibody (OTI4D2) [NBP2-46490] - Analysis of Carcinoma of Human lung tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



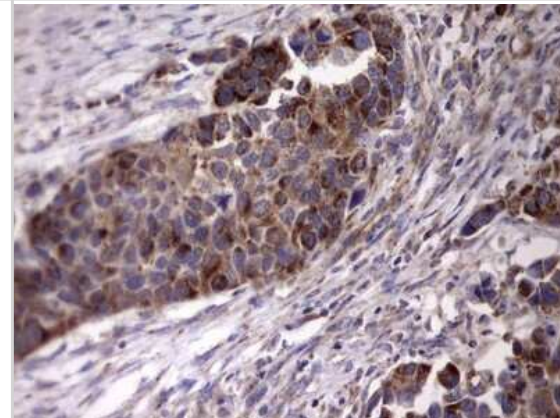
Immunohistochemistry: ACE-2 Antibody (OTI4D2) [NBP2-46490] - Analysis of Adenocarcinoma of Human colon tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: ACE-2 Antibody (OTI4D2) [NBP2-46490] - Analysis of Human Kidney tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: ACE-2 Antibody (OTI4D2) [NBP2-46490] - Analysis of Carcinoma of Human kidney tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



## Publications

Jeong GU, Lyu J, Kim KD Et al. SARS-CoV-2 Infection of Microglia Elicits Proinflammatory Activation and Apoptotic Cell Death Microbiol Spectr 2022-05-05 [PMID: 35510852]

### Details:

Citation using the FITC version of this antibody.

EJ Sherman, BT Emmer ACE2 protein expression within isogenic cell lines is heterogeneous and associated with distinct transcriptomes Scientific Reports, 2021-08-05;11(1):15900. 2021-08-05 [PMID: 34354120] (FLOW, Human)





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### **Products Related to NBP2-46490**

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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] |
| NBP1-96778  | Mouse IgG2a Isotype Control (M2A)                  |

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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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