

Product Datasheet

ACE-2 Antibody (OTI4D2) - Azide and BSA Free NBP2-72117

Unit Size: 100 ug

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

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Publications: 1

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NBP2-72117

ACE-2 Antibody (OTI4D2) - Azide and BSA Free

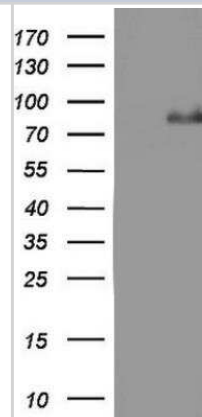
| Product Information | |
|-----------------------------|--|
| Unit Size | 100 ug |
| Concentration | LYOPH mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OTI4D2 |
| Preservative | No Preservative |
| Reconstitution Instructions | we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. |
| Isotype | IgG2a |
| Purity | Immunogen affinity purified |
| Buffer | Lyophilized from PBS (pH 7.3) with 8% Trehalose |

| Product Description | |
|---------------------|--|
| Description | Novus Biologicals Mouse ACE-2 Antibody (OTI4D2) - Azide and BSA Free (NBP2-46490) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-ACE-2 Antibody: Cited in 1 publication. 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. |

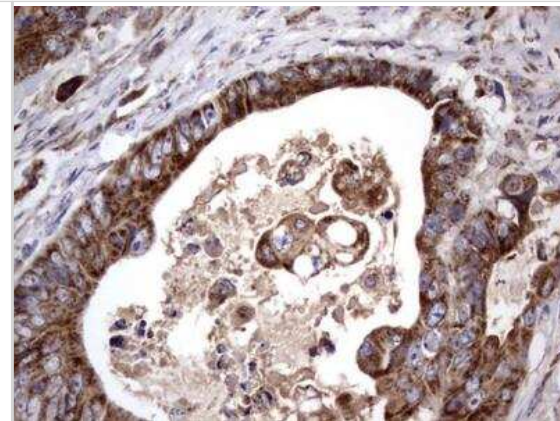
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:200, Flow Cytometry, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150 |
| Application Notes | Use in Flow reported in scientific literature (PMID:34354120). |

Images

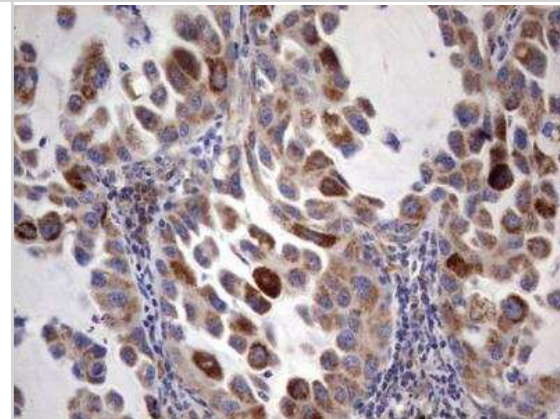
Western Blot: ACE-2 Antibody (OTI4D2) - Azide and BSA Free [NBP2-72117] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACE2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ACE2.



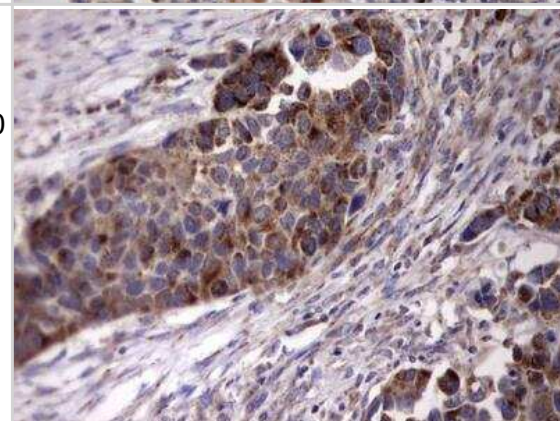
Immunohistochemistry-Paraffin: ACE-2 Antibody (OT14D2) - Azide and BSA Free [NBP2-72117] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-ACE2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120 degrees C for 3min).



Immunohistochemistry-Paraffin: ACE-2 Antibody (OT14D2) - Azide and BSA Free [NBP2-72117] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-ACE2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120 degrees C for 3min)



Immunohistochemistry-Paraffin: ACE-2 Antibody (OT14D2) - Azide and BSA Free [NBP2-72117] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-ACE2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120 degrees C for 3min)



Immunohistochemistry-Paraffin: ACE-2 Antibody (OT14D2) - Azide and BSA Free [NBP2-72117] - staining of paraffin-embedded Carcinoma of Human lung tissue using anti-ACE2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120 degrees C for 3min)



Publications

Sherman EJ, Emmer BT ACE2 protein expression within isogenic cell lines is heterogeneous and associated with distinct transcriptomes Sci Rep 2021-08-05 [PMID: 34354120] (FLOW, Human)

Details:

Citation using the Azide and BSA Free format of this antibody.



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Products Related to NBP2-72117

| | |
|-------------|--|
| 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) |

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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