

# 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

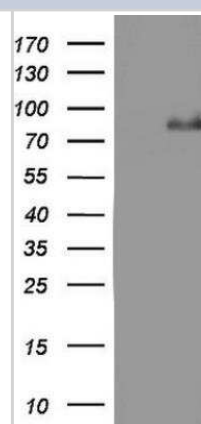
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4D2
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To 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	
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.

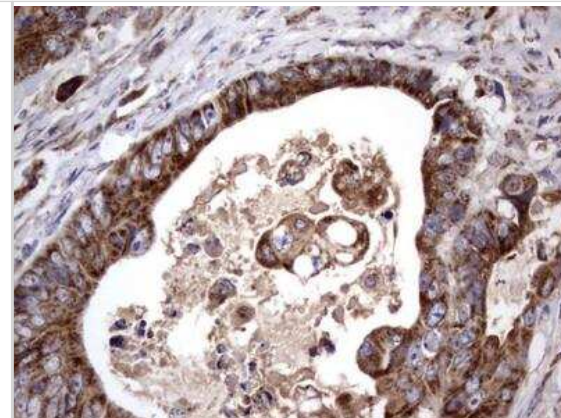
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200, Flow Cytometry, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150
Application Notes	Use in Flow reported in scientific literature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

**Images**

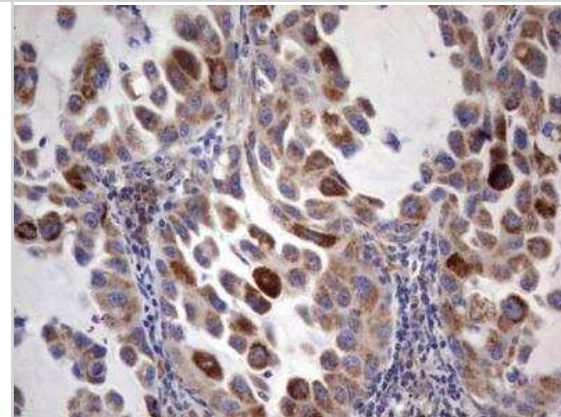
Western Blot: ACE-2 Antibody (OTI4D2) - Azide and BSA Free [NBP2-72117] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACE2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted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



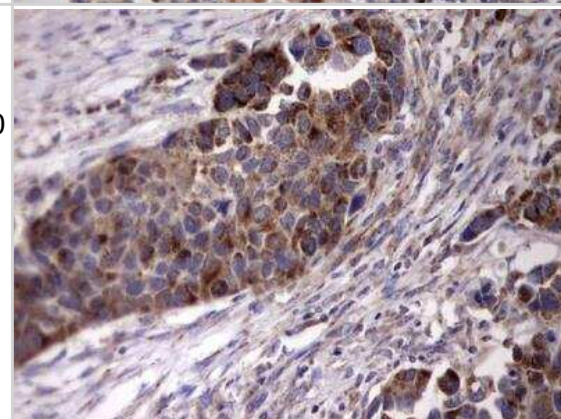
Immunohistochemistry-Paraffin: ACE-2 Antibody (OTI4D2) - Azide and BSA Free [NBP2-72117] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-ACE2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120 degrees C for 3min.



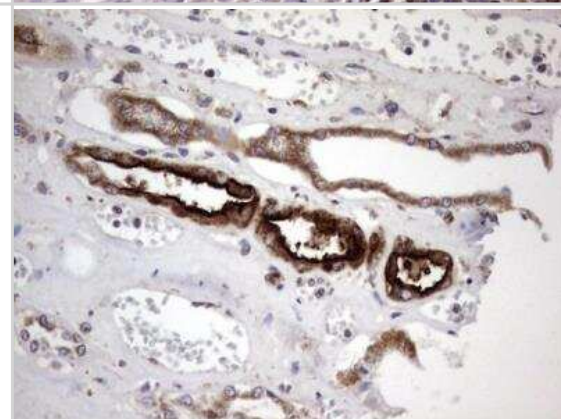
Immunohistochemistry-Paraffin: ACE-2 Antibody (OTI4D2) - Azide and BSA Free [NBP2-72117] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-ACE2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120 degrees C for 3min)



Immunohistochemistry-Paraffin: ACE-2 Antibody (OTI4D2) - 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 (OTI4D2) - 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**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-76614PEP	ACE-2 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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