

# Product Datasheet

## CD63 Antibody (OTI5E5) - Azide and BSA Free NBP2-70380

Unit Size: 100 ug

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

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**NBP2-70380**

CD63 Antibody (OTI5E5) - Azide and BSA Free

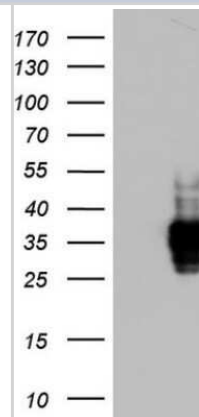
| Product Information         |                                                                                                                                                                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                                                                           |
| Concentration               | LYOPH mg/ml                                                                                                                                                                                                                      |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                         |
| Clonality                   | Monoclonal                                                                                                                                                                                                                       |
| Clone                       | OTI5E5                                                                                                                                                                                                                           |
| 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                     | IgG1                                                                                                                                                                                                                             |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                      |
| Buffer                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose                                                                                                                                                                                  |
| Target Molecular Weight     | 25.5 kDa                                                                                                                                                                                                                         |

| Product Description |                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse CD63 Antibody (OTI5E5) - Azide and BSA Free (NBP2-46167) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                          |
| Gene ID             | 967                                                                                                                                                                                                            |
| Gene Symbol         | CD63                                                                                                                                                                                                           |
| Species             | Human                                                                                                                                                                                                          |
| Immunogen           | Full length human recombinant protein of human CD63 (NP_001771) produced in HEK293T cell.                                                                                                                      |

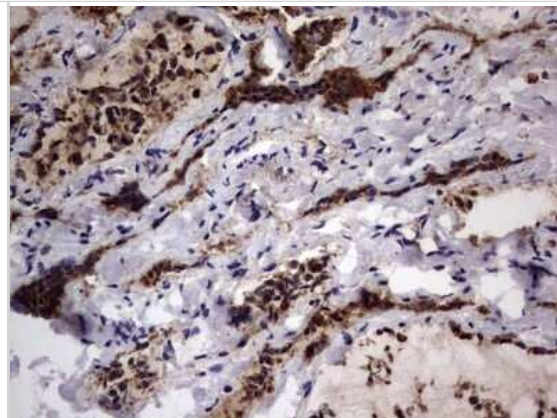
| Product Application Details |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry              |
| Recommended Dilutions       | Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin |

**Images**

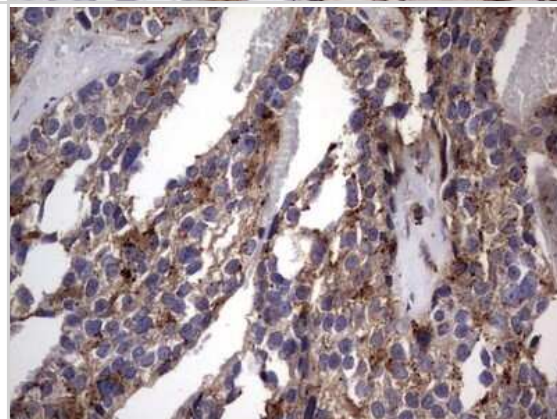
Western Blot: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD63 .



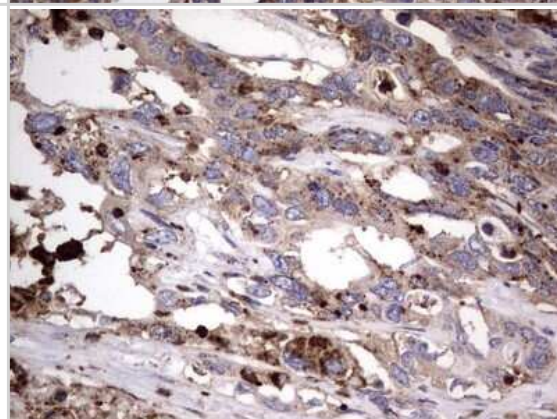
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human thyroid tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



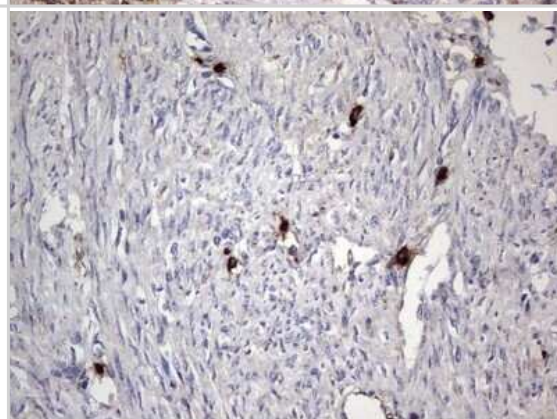
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Adenocarcinoma of Human breast tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Adenocarcinoma of Human colon tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)

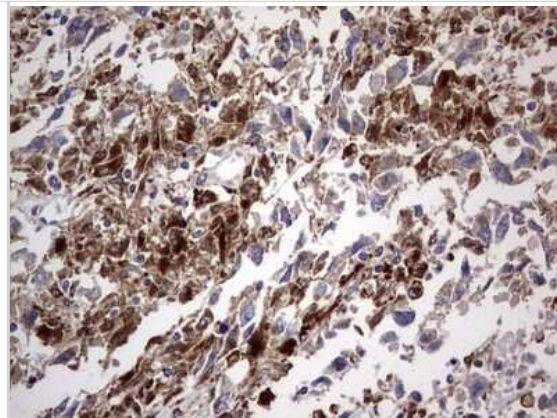


Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Adenocarcinoma of Human endometrium tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)

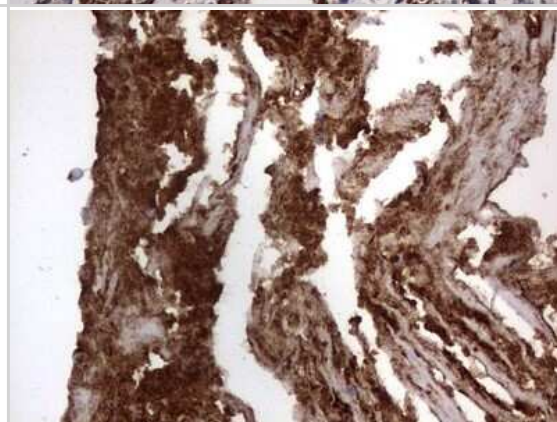




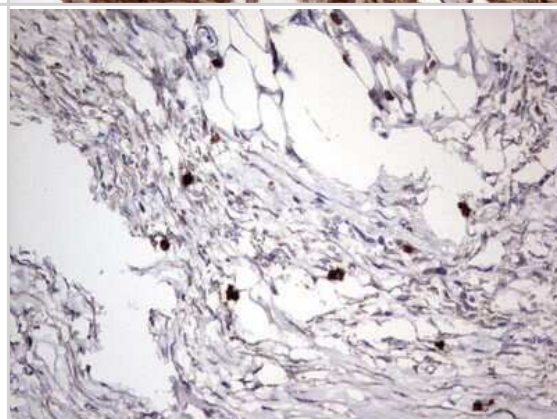
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Adenocarcinoma of Human ovary tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



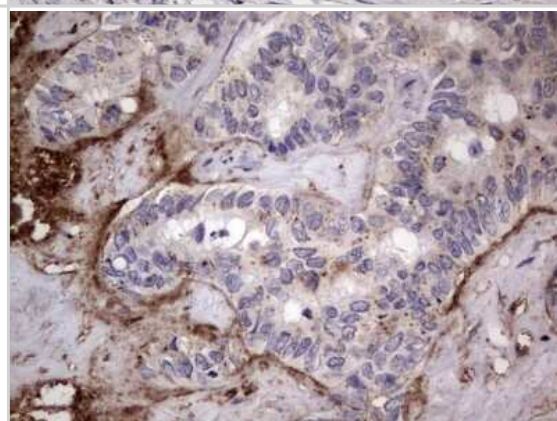
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Carcinoma of Human bladder tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



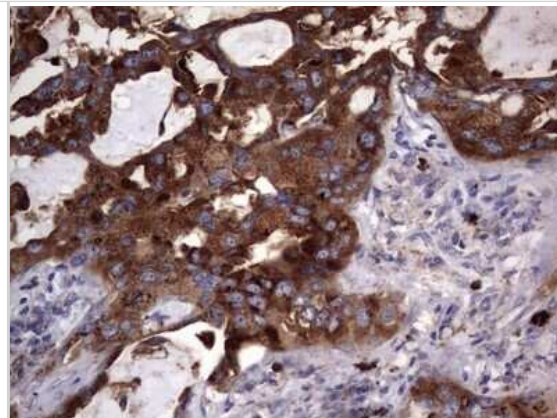
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Carcinoma of Human kidney tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



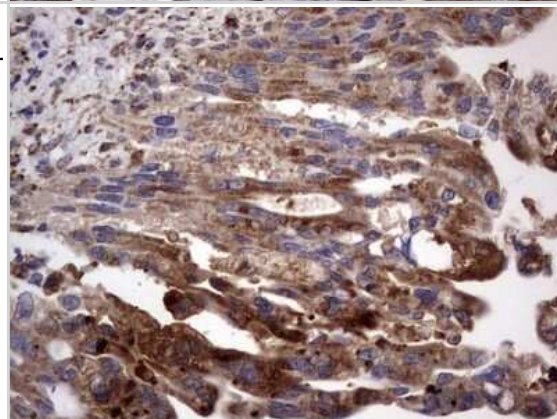
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Carcinoma of Human liver tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



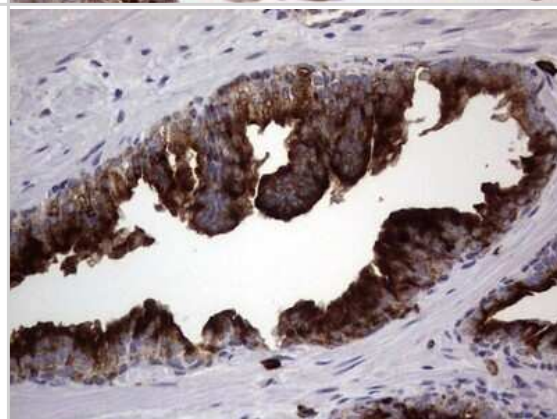
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Carcinoma of Human lung tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



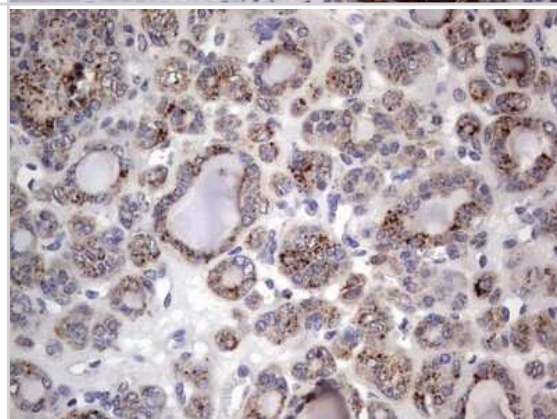
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Carcinoma of Human pancreas tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Carcinoma of Human prostate tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)

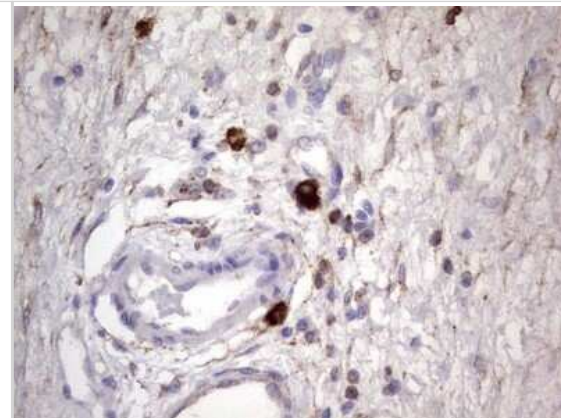


Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Carcinoma of Human thyroid tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)

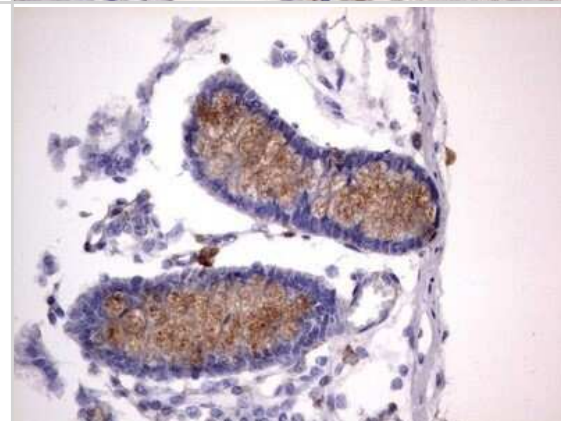




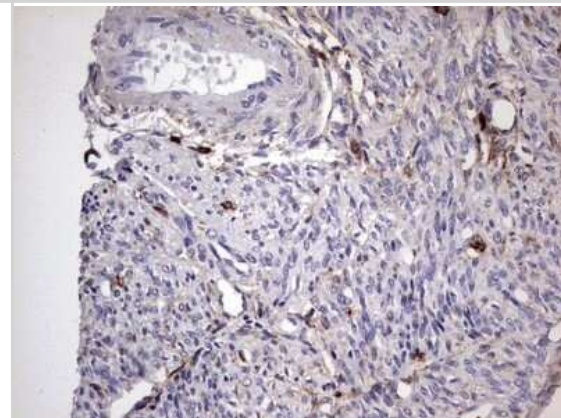
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human bladder tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



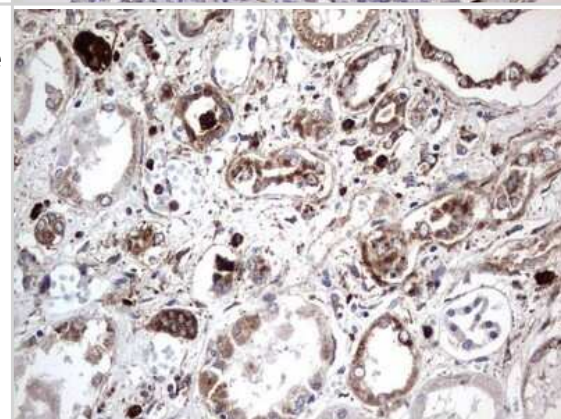
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human colon tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



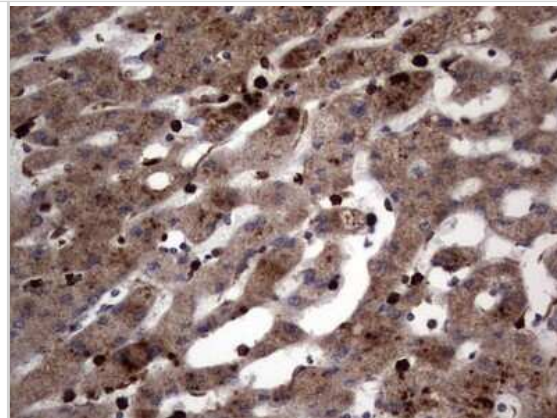
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human endometrium tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



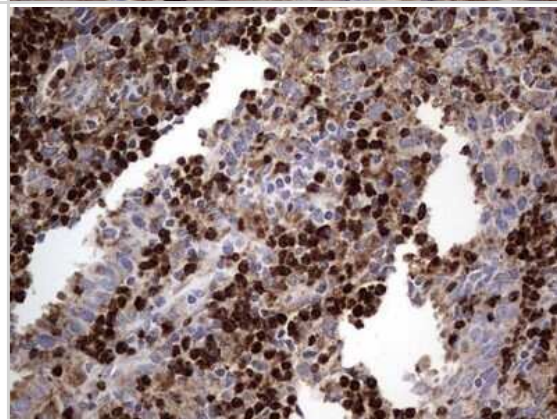
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human Kidney tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



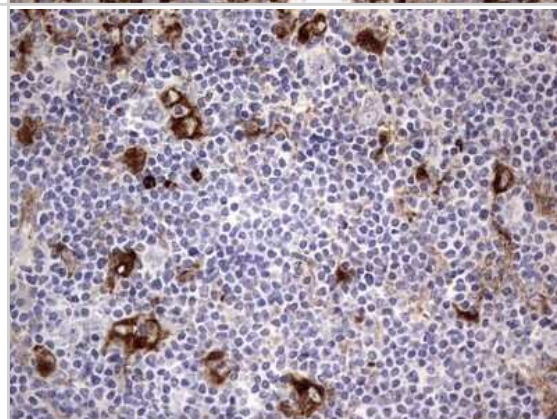
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human liver tissue.. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



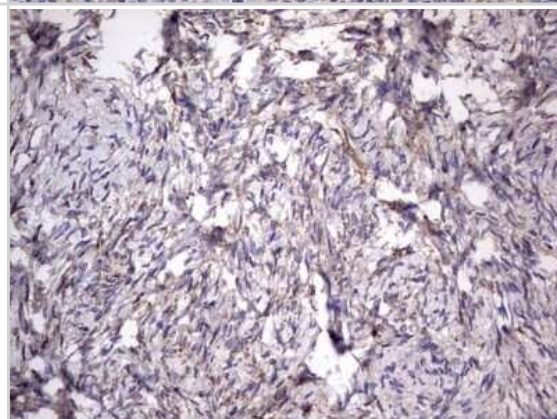
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human lymph node tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human lymphoma tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)

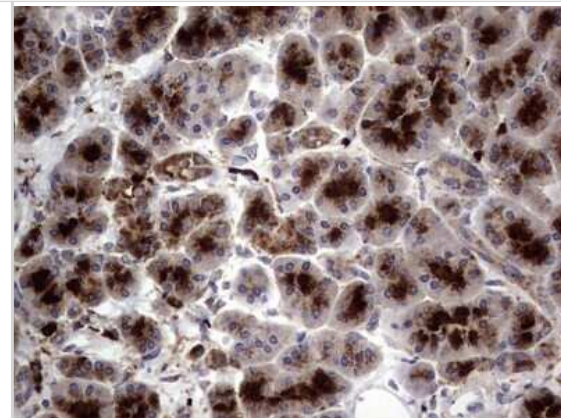


Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human Ovary tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)

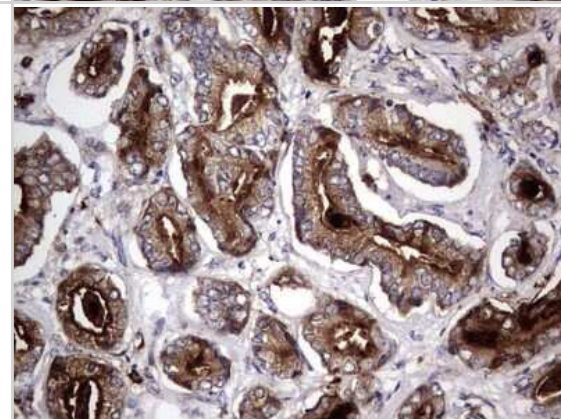




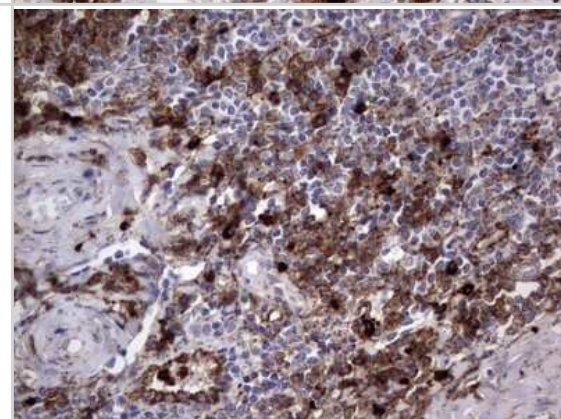
Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human prostate tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: CD63 Antibody (OTI5E5) - Azide and BSA Free [NBP2-70380] - Analysis of Human tonsil within the normal limits using CD63 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)







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### **Products Related to NBP2-70380**

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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)                        |
| H00000967-G01-2ug | Recombinant Human CD63 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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