

# Product Datasheet

## CD47 Antibody - BSA Free NBP2-32031

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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



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**Reviews: 1 Publications: 1**

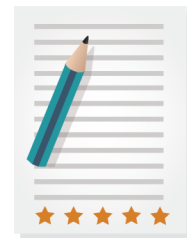
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Updated 9/9/2025 v.20.1

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**NBP2-32031**

CD47 Antibody - BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Polyclonal                                                                                                       |
| Preservative        | 0.02% Sodium Azide                                                                                               |
| Isotype             | IgG                                                                                                              |
| Purity              | Immunogen affinity purified                                                                                      |
| Buffer              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

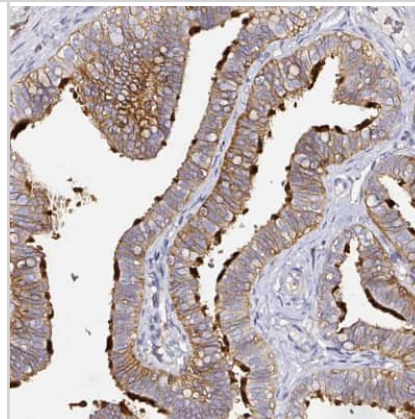
| Product Description |                                                                                                                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit CD47 Antibody - BSA Free (NBP2-32031) is a polyclonal antibody validated for use in IHC. Anti-CD47 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                            |
| Gene ID             | 961                                                                                                                                                                                                                               |
| Gene Symbol         | CD47                                                                                                                                                                                                                              |
| Species             | Human                                                                                                                                                                                                                             |
| Immunogen           | This antibody was developed against a recombinant protein corresponding to amino acids:<br>AQLLFNKTKSVEFTFCNDTVVIPCFVTNMEAQNTTEVYVKWKFKGRDIYTFDGA<br>LNKSTVPTDFSSAKIEVSQLLKGDASLKMDKSDAVSHTGNYTCEVTELTREGET<br>IIELYRVVS          |

| Product Application Details |                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------|
| Applications                | Immunohistochemistry-Paraffin, Immunohistochemistry                               |
| Recommended Dilutions       | Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                             |

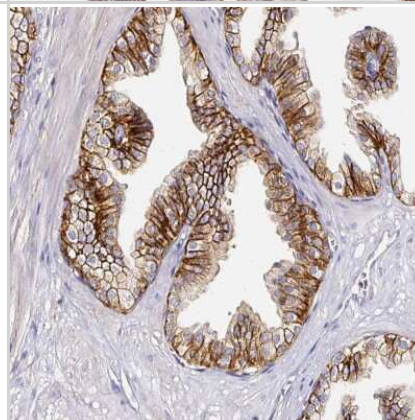


## Images

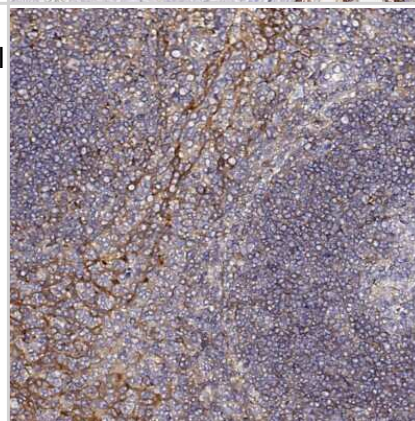
Immunohistochemistry-Paraffin: CD47 Antibody [NBP2-32031] - Staining of human fallopian tube shows moderate to strong membranous positivity in glandular cells.



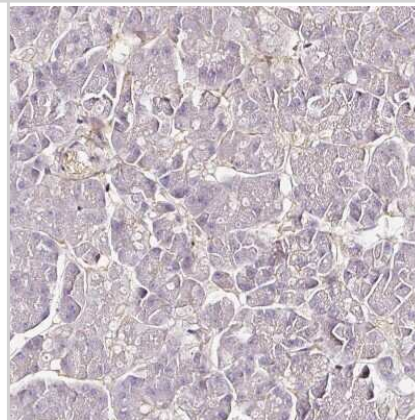
Immunohistochemistry-Paraffin: CD47 Antibody [NBP2-32031] - Staining of human prostate shows moderate membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: CD47 Antibody [NBP2-32031] - Staining of human tonsil shows moderate membranous positivity in non - germinal center cells.



Immunohistochemistry-Paraffin: CD47 Antibody [NBP2-32031] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



## Publications

Imam R, Chang Q, Black M et al. CD47 expression and CD163+ macrophages correlated with prognosis of pancreatic neuroendocrine tumor BMC cancer 2021-03-25 [PMID: 33765961] (IHC-P, Human)



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### **Products Related to NBP2-32031**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-32031PEP | CD47 Recombinant Protein Antigen                    |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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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