

# Product Datasheet

## HE4/WFDC2 Antibody (CL12917)

### NBP3-18549-100ul

Unit Size: 100 ul

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

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**NBP3-18549-100ul**

HE4/WFDC2 Antibody (CL12917)

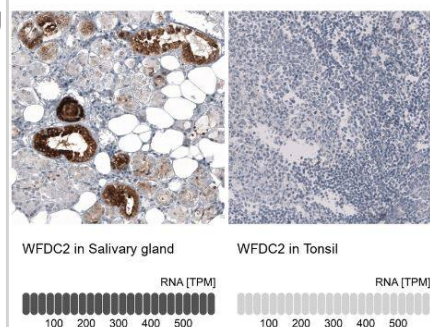
| Product Information |  |
|---------------------|--|
| Unit Size           | 100 ul   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Monoclonal   |
| Clone               | CL12917  |
| Preservative        | 0.02% Sodium Azide   |
| Isotype             | IgG1   |
| Purity              | Protein A purified   |
| Buffer              | PBS, pH 7.2, 40% glycerol  |

| Product Description |   |
|---------------------|---|
| Host                | Mouse   |
| Gene ID             | 10406   |
| Gene Symbol         | WFDC2   |
| Species             | Human   |
| Immunogen           | This antibody was developed using a recombinant protein derived from Q14508, with the exact immunogen sequence remaining proprietary. |

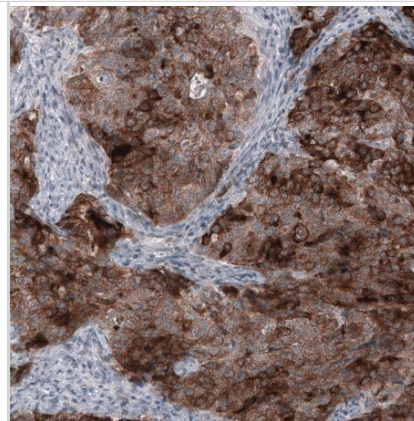
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Immunohistochemistry, Immunohistochemistry-Paraffin                         |
| Recommended Dilutions       | Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50 |
| Application Notes           | For use with IHC-Paraffin, HIER pH 6 retrieval is recommended.              |

**Images**

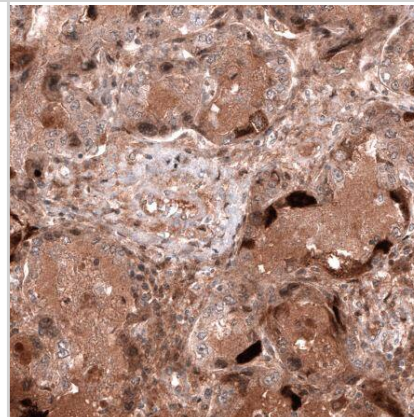
Immunohistochemistry-Paraffin: HE4/WFDC2 Antibody (CL12917) [NBP3-18549] - Analysis in human salivary gland and tonsil tissues using NBP3-18549 antibody. Corresponding WFDC2 RNA-seq data are presented for the same tissues.



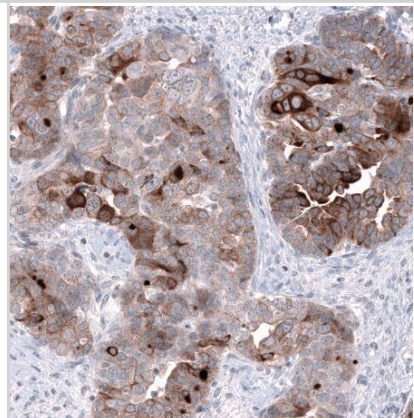
Immunohistochemistry-Paraffin: HE4/WFDC2 Antibody (CL12917) [NBP3-18549] - Staining of human endometrial cancer shows strong cytoplasmic positivity in tumor cells.



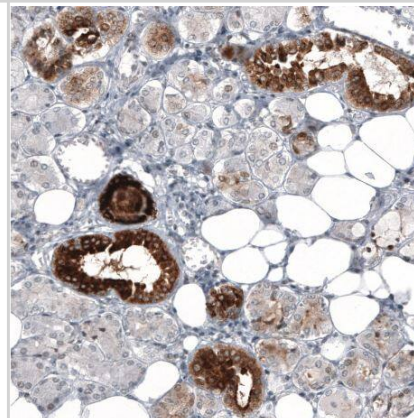
Immunohistochemistry-Paraffin: HE4/WFDC2 Antibody (CL12917) [NBP3-18549] - Staining of human ovarian cancer (endometrioid carcinoma) shows moderate cytoplasmic positivity in tumor cells.



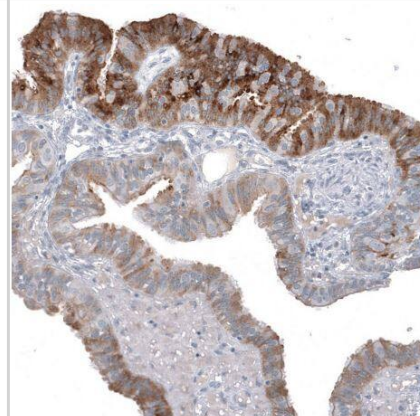
Immunohistochemistry-Paraffin: HE4/WFDC2 Antibody (CL12917) [NBP3-18549] - Staining of human ovarian cancer (papillary carcinoma) shows moderate to strong cytoplasmic positivity in tumor cells.



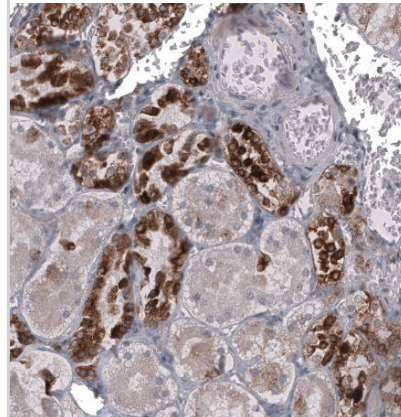
Immunohistochemistry-Paraffin: HE4/WFDC2 Antibody (CL12917) [NBP3-18549] - Staining of human salivary gland shows strong cytoplasmic positivity in interlobular ducts.



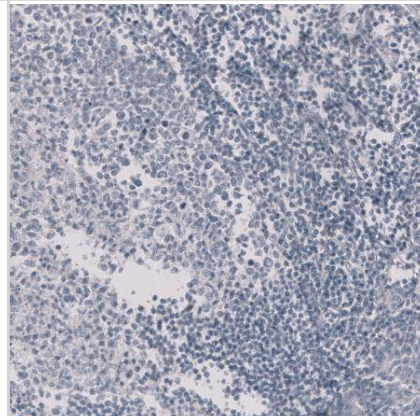
Immunohistochemistry-Paraffin: HE4/WFDC2 Antibody (CL12917) [NBP3-18549] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: HE4/WFDC2 Antibody (CL12917) [NBP3-18549] - Staining of human kidney shows strong cytoplasmic positivity in a subset cells in tubules.



Immunohistochemistry-Paraffin: HE4/WFDC2 Antibody (CL12917) [NBP3-18549] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.







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### **Products Related to NBP3-18549-100ul**

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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)                        |
| NBP3-07109-10ug  | Recombinant Human HE4/WFDC2 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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