

# Product Datasheet

## PIWIL4 Antibody (10G9B11) - BSA Free NBP2-37398

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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**NBP2-37398**

PIWIL4 Antibody (10G9B11) - BSA Free

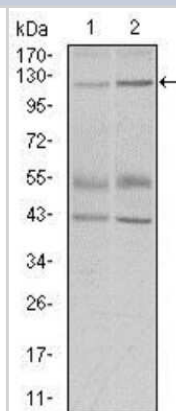
| Product Information     |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| Unit Size               | 0.1 ml                                                                                 |
| Concentration           | 1 mg/ml                                                                                |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                                                                             |
| Clone                   | 10G9B11                                                                                |
| Preservative            | 0.05% Sodium Azide                                                                     |
| Isotype                 | IgG1                                                                                   |
| Purity                  | Protein G purified                                                                     |
| Buffer                  | PBS                                                                                    |
| Target Molecular Weight | 96.6 kDa                                                                               |

| Product Description |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse PIWIL4 Antibody (10G9B11) - BSA Free (NBP2-37398) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                                |
| Gene ID             | 143689                                                                                                                                                                                                               |
| Gene Symbol         | PIWIL4                                                                                                                                                                                                               |
| Species             | Human                                                                                                                                                                                                                |
| Immunogen           | Purified recombinant fragment of human PIWIL4 (AA: 304-434) expressed in E. Coli.                                                                                                                                    |

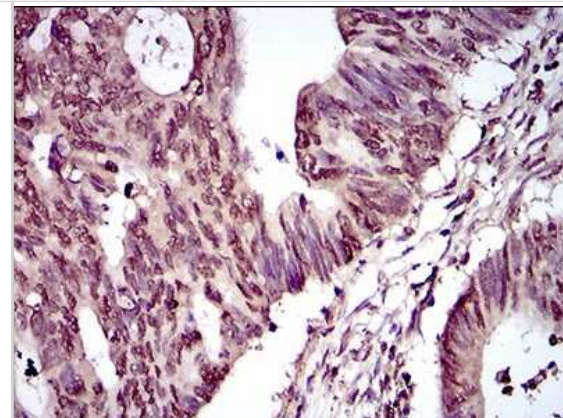
| Product Application Details |                                                                                                                                                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, CyTOF-ready                                                                    |
| Recommended Dilutions       | Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000, CyTOF-ready |
| Application Notes           | This antibody is Cytof ready.                                                                                                                                            |

**Images**

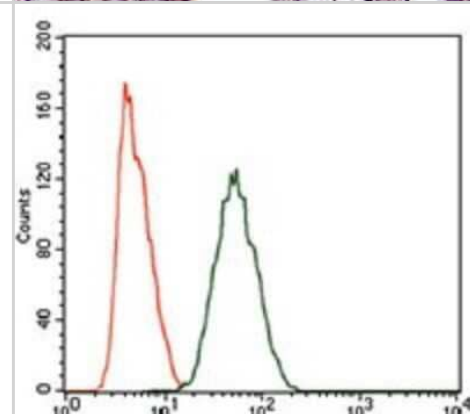
Western Blot: PIWIL4 Antibody (10G9B11) [NBP2-37398] - Western blot analysis using PIWIL4 mouse mAb against PC-3 (1) and PANC-1 (2) cell lysate.



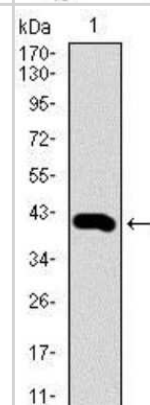
Immunohistochemistry: PIWIL4 Antibody (10G9B11) [NBP2-37398] - Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PIWIL4 mouse mAb with DAB staining.



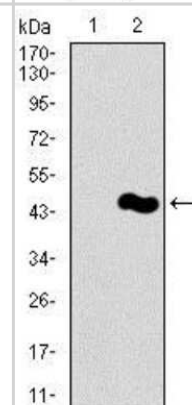
Flow Cytometry: PIWIL4 Antibody (10G9B11) [NBP2-37398] - Flow cytometric analysis of HeLa cells using PIWIL4 mouse mAb (green) and negative control (purple).



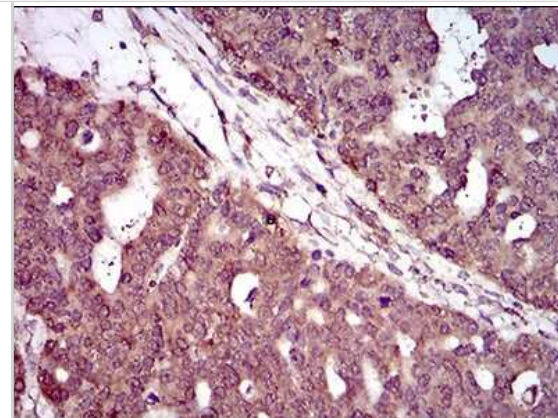
Western Blot: PIWIL4 Antibody (10G9B11) [NBP2-37398] - Western blot analysis using PIWIL4 mAb against human PIWIL4 recombinant protein. (Expected MW is 40.8 kDa)



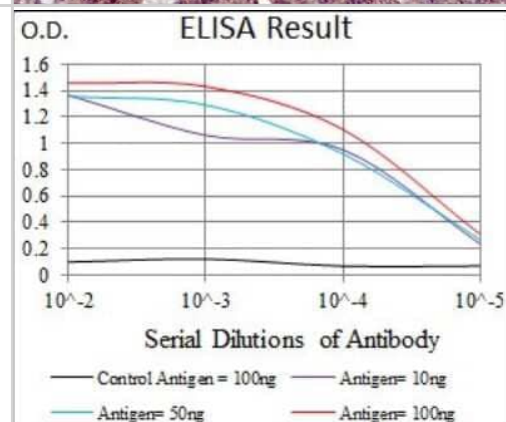
Western Blot: PIWIL4 Antibody (10G9B11) [NBP2-37398] - Western blot analysis using PIWIL4 mAb against HEK293 (1) and PIWIL4 (AA: 304-434)-hlgGFC transfected HEK293 (2) cell lysate.



Immunohistochemistry: PIWIL4 Antibody (10G9B11) [NBP2-37398] - Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using PIWIL4 mouse mAb with DAB staining.



ELISA: PIWIL4 Antibody (10G9B11) [NBP2-37398] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);





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### **Products Related to NBP2-37398**

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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)                        |
| NBP1-83491PEP    | PIWIL4 Recombinant Protein Antigen                      |

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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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