

# Product Datasheet

## XPF Antibody (OTI4E11) NBP2-01020

Unit Size: 0.1 ml

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

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**NBP2-01020**

XPF Antibody (OTI4E11)

| Product Information     |                                          |
|-------------------------|------------------------------------------|
| Unit Size               | 0.1 ml                                   |
| Concentration           | 0.84 mg/ml                               |
| Storage                 | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                               |
| Clone                   | OTI4E11                                  |
| Preservative            | 0.02% Sodium Azide                       |
| Isotype                 | IgG2a                                    |
| Purity                  | Immunogen affinity purified              |
| Buffer                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| Target Molecular Weight | 104.3 kDa                                |

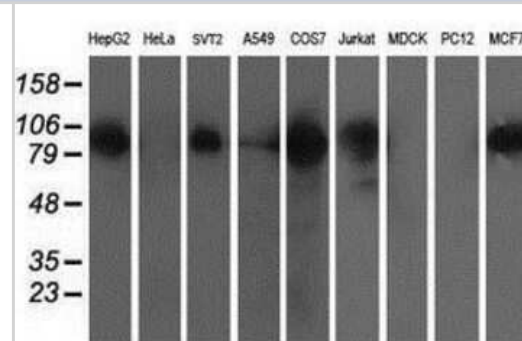
| Product Description |                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse XPF Antibody (OTI4E11) (NBP2-01020) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                         |
| Host                | Mouse                                                                                                                                                                                                                                                                                                                                           |
| Gene ID             | 2072                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol         | ERCC4                                                                                                                                                                                                                                                                                                                                           |
| Species             | Human, Mouse                                                                                                                                                                                                                                                                                                                                    |
| Reactivity Notes    | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen           | Full length human recombinant protein of human ERCC4(NP_005227) produced in HEK293 cell.                                                                                                                                                                                                                                                        |

| Product Application Details |                                                                                                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                    |
| Recommended Dilutions       | Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150 |

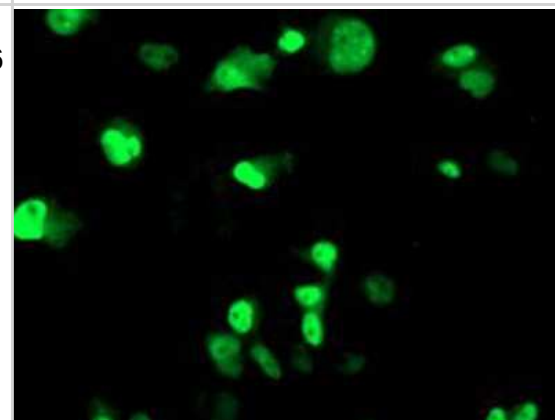


## Images

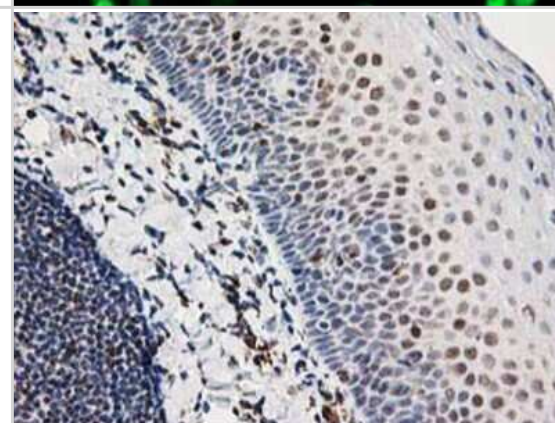
Western Blot: XPF Antibody (4E11) [NBP2-01020] Analysis of extracts (35ug) from 9 different cell lines by using anti-XPF monoclonal antibody.



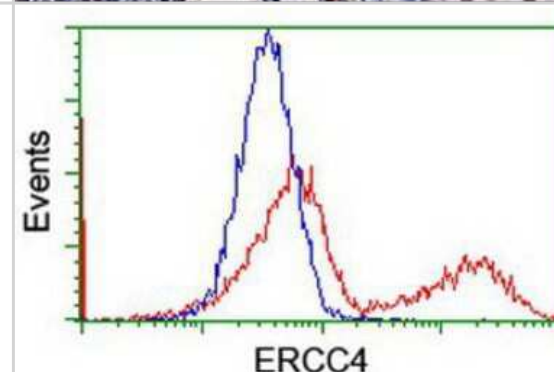
Immunocytochemistry/Immunofluorescence: XPF Antibody (4E11) [NBP2-01020] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY XPF.



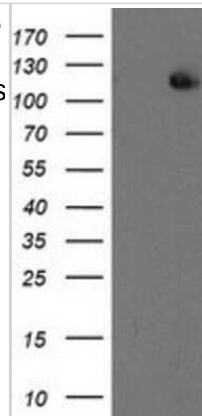
Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Human tonsil using anti-XPF mouse monoclonal antibody.



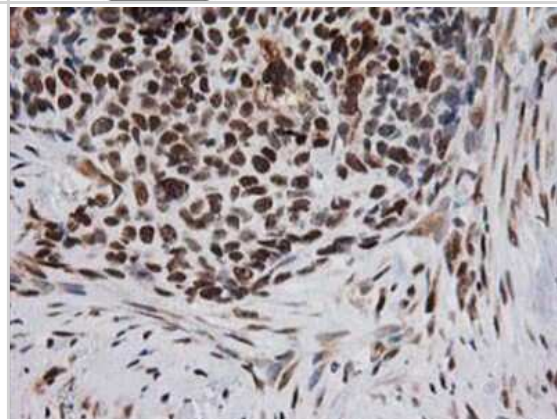
Flow Cytometry: XPF Antibody (4E11) [NBP2-01020] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-XPF antibody, and then analyzed by flow cytometry.



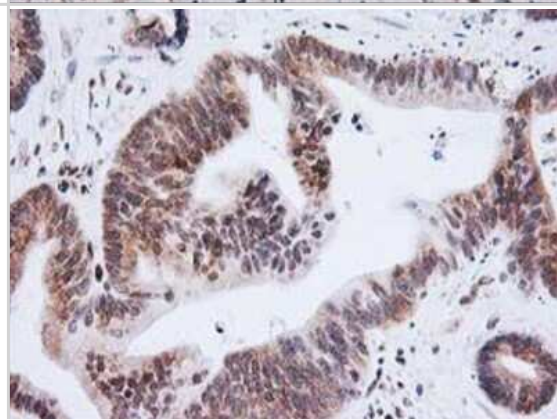
Western Blot: XPF Antibody (4E11) [NBP2-01020] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY XPF (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-XPF.



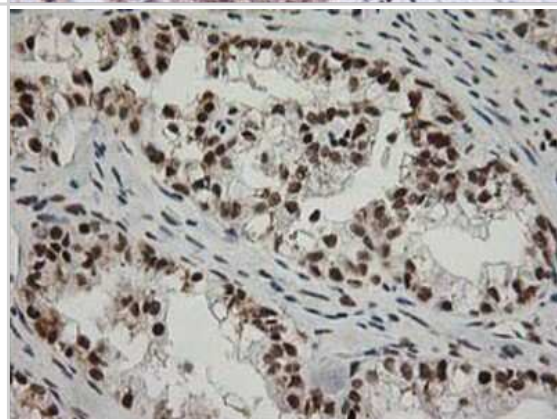
Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-XPF mouse monoclonal antibody.



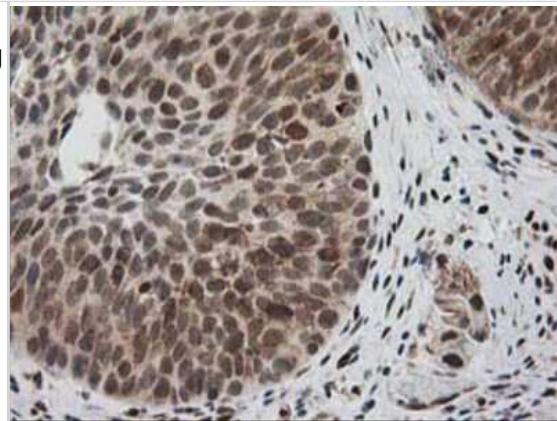
Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-XPF mouse monoclonal antibody.



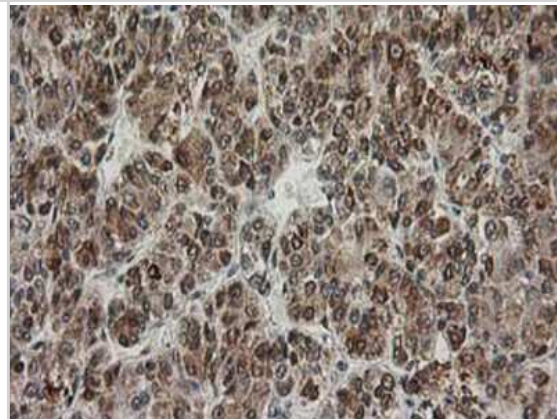
Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-XPF mouse monoclonal antibody.



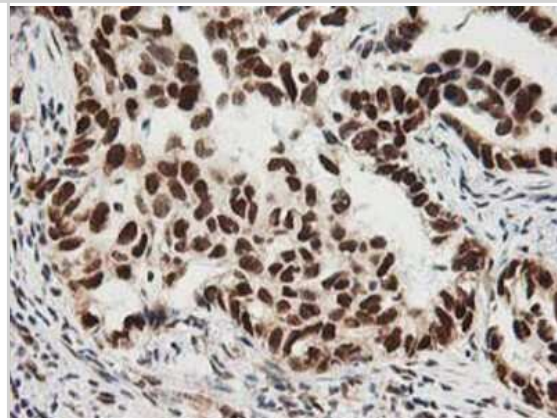
Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-XPF mouse monoclonal antibody.



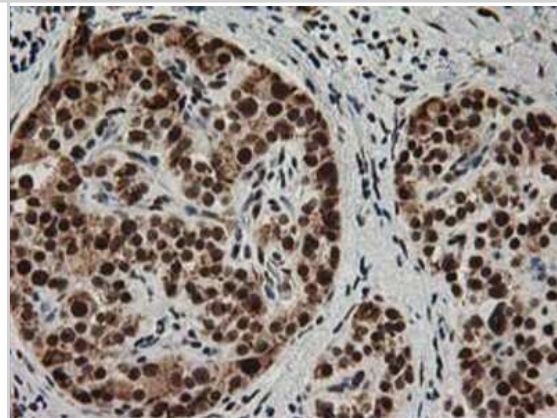
Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-XPF mouse monoclonal antibody.



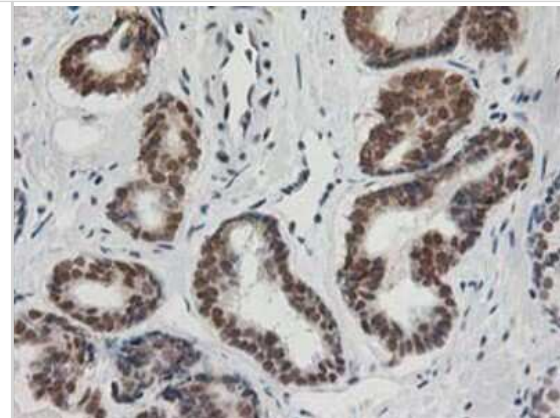
Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-XPF mouse monoclonal antibody.



Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-XPF mouse monoclonal antibody.



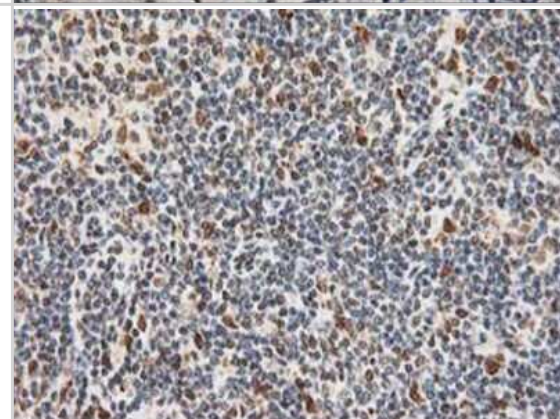
Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-XPF mouse monoclonal antibody.



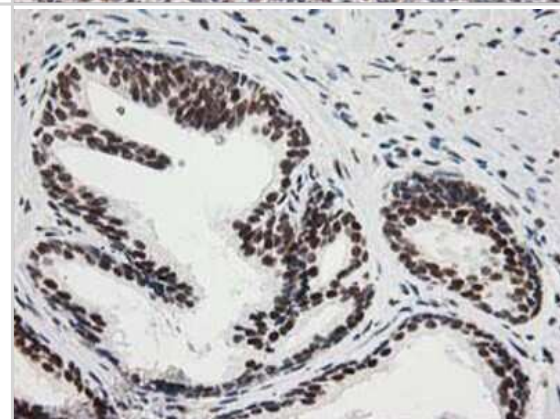
Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Human Kidney tissue using anti-XPF mouse monoclonal antibody.



Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Human lymphoma tissue using anti-XPF mouse monoclonal antibody.



Immunohistochemistry-Paraffin: XPF Antibody (4E11) [NBP2-01020] - Staining of paraffin-embedded Human prostate tissue using anti-XPF mouse monoclonal antibody.





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### **Products Related to NBP2-01020**

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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)                       |
| NBP2-58407PEP | XPF 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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