

# Product Datasheet

## Destrin Antibody (OTI2F7) - Azide and BSA Free NBP2-71669

Unit Size: 100 ug

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

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Updated 10/23/2024 v.20.1

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**NBP2-71669**

Destrin Antibody (OTI2F7) - Azide and BSA Free

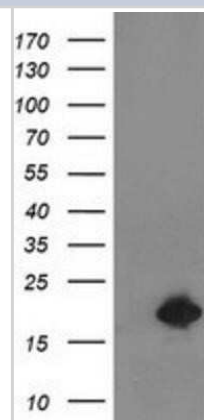
| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 100 ug   |
| Concentration               | LYOPH mg/ml  |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.   |
| Clonality                   | Monoclonal   |
| Clone                       | OTI2F7   |
| 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     | 18.3 kDa   |

| Product Description |   |
|---------------------|---|
| Host                | Mouse   |
| Gene ID             | 11034   |
| Gene Symbol         | DSTN  |
| Species             | Human, Mouse, Canine, Primate, Monkey   |
| 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 DSTN (NP_006861) produced in HEK293T cell.   |

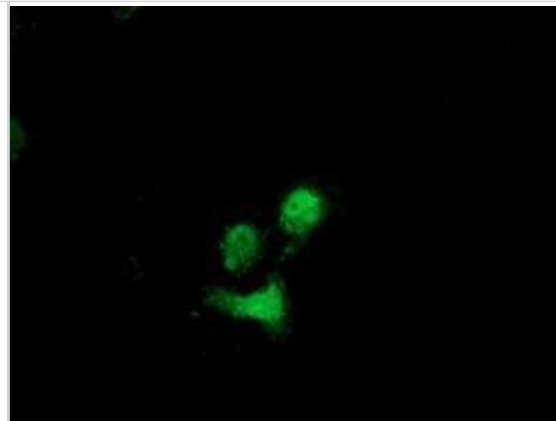
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready                              |
| Recommended Dilutions       | Western Blot 1:500-2000, Flow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

**Images**

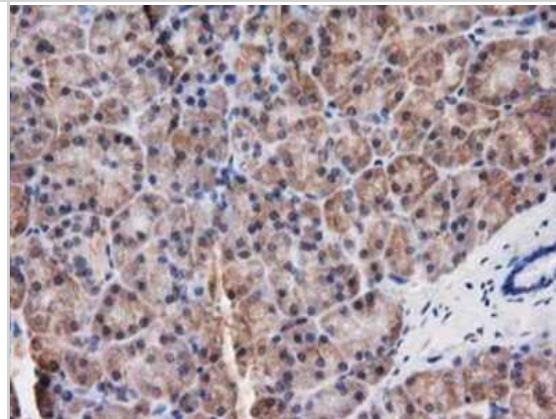
Western Blot: Destrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Destrin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Destrin.



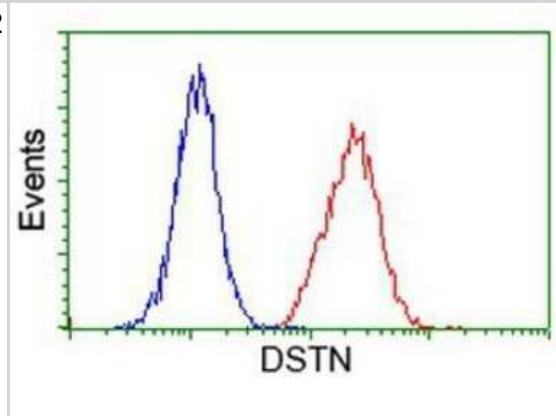
Immunocytochemistry/Immunofluorescence: Destrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Destrin.



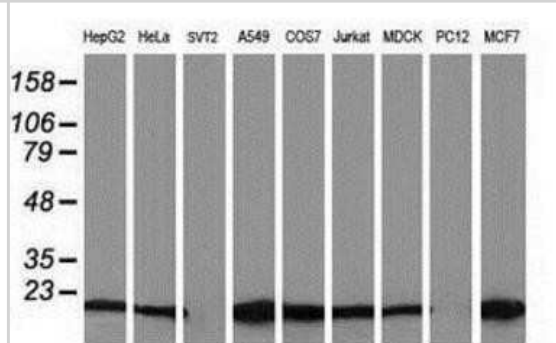
Immunohistochemistry: Destrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Staining of paraffin-embedded Human pancreas tissue using anti-Destrin mouse monoclonal antibody.



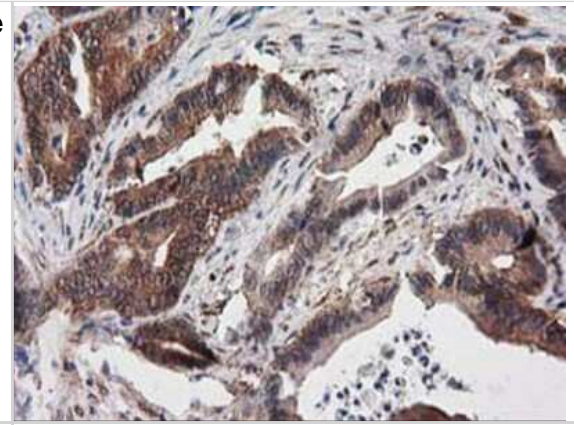
Flow Cytometry: Destrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Analysis of Jurkat cells, using anti-Destrin antibody, (Red), compared to a nonspecific negative control antibody (Blue).



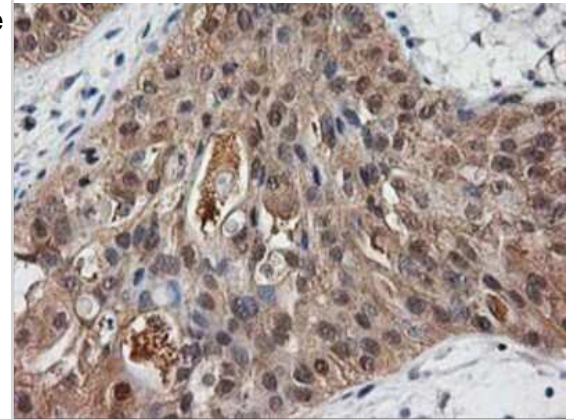
Western Blot: Destrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Destrin monoclonal antibody.



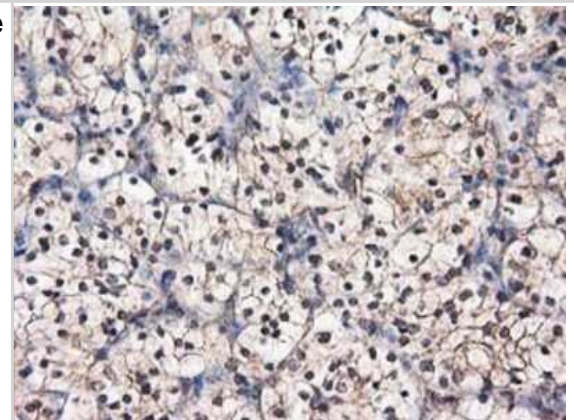
Immunohistochemistry: Dextrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-Dextrin mouse monoclonal antibody.



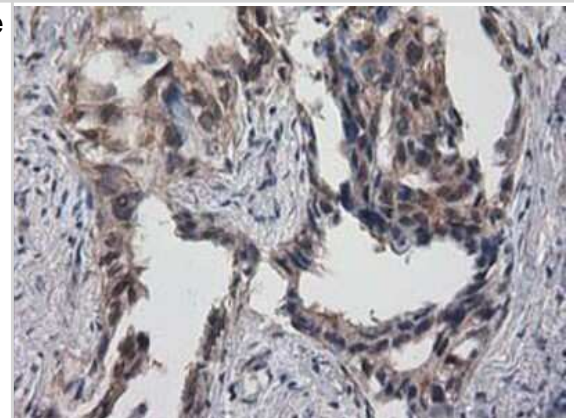
Immunohistochemistry: Dextrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Dextrin mouse monoclonal antibody.



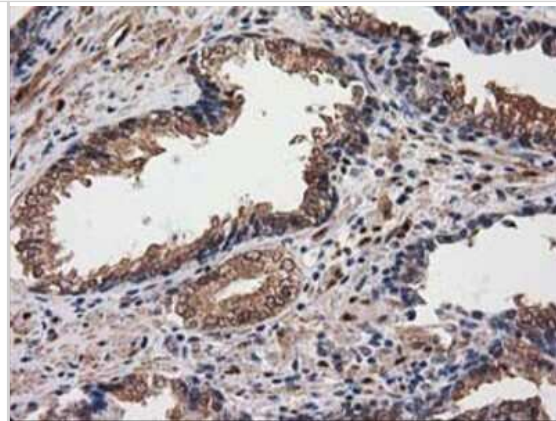
Immunohistochemistry: Dextrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-Dextrin mouse monoclonal antibody.



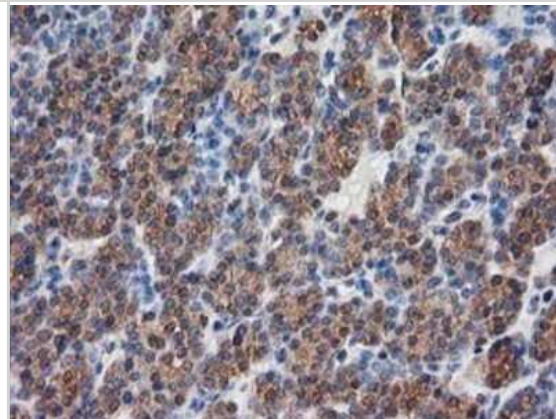
Immunohistochemistry: Dextrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-Dextrin mouse monoclonal antibody.



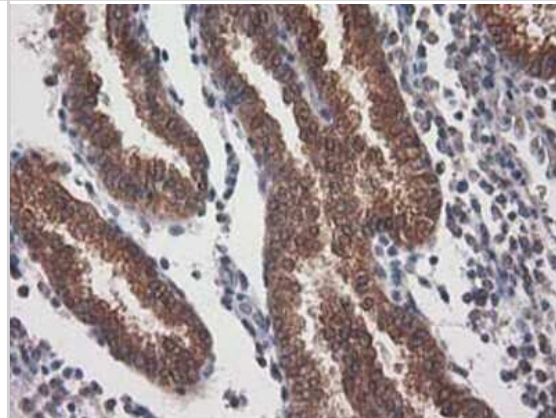
Immunohistochemistry: Destrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-Destrin mouse monoclonal antibody.



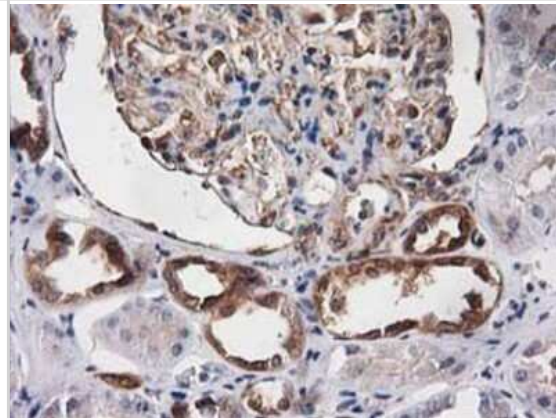
Immunohistochemistry: Destrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-Destrin mouse monoclonal antibody.



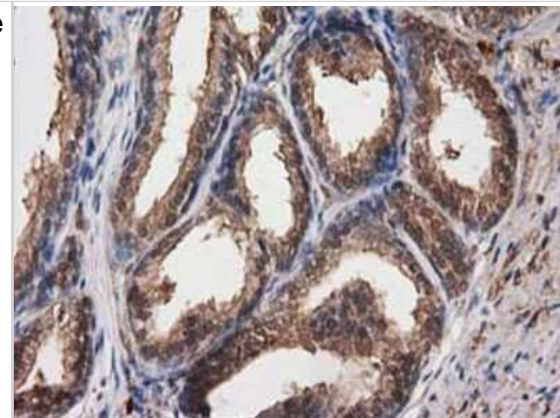
Immunohistochemistry: Destrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Staining of paraffin-embedded Human endometrium tissue using anti-Destrin mouse monoclonal antibody.



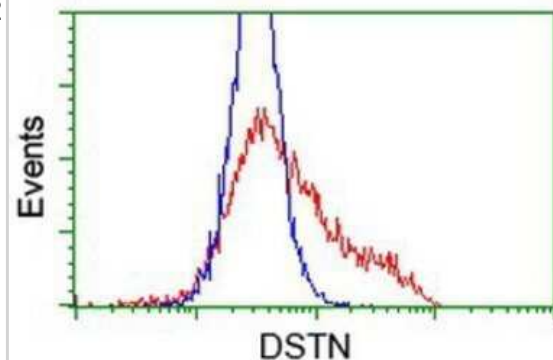
Immunohistochemistry: Destrin Antibody (OTI2F7) - Azide and BSA Free [NBP2-71669] - Staining of paraffin-embedded Human Kidney tissue using anti-Destrin mouse monoclonal antibody.



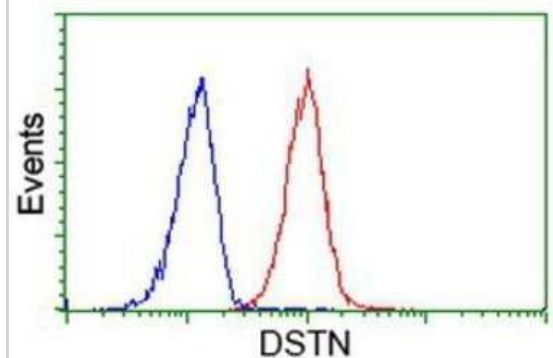
Immunohistochemistry: Destrin Antibody (OT12F7) - Azide and BSA Free [NBP2-71669] - Staining of paraffin-embedded Human prostate tissue using anti-Destrin mouse monoclonal antibody.



Flow Cytometry: Destrin Antibody (OT12F7) - Azide and BSA Free [NBP2-71669] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-Destrin antibody, and then analyzed by flow cytometry.



CytoTOF-ready: Destrin Antibody (OT12F7) - Azide and BSA Free [NBP2-71669] - Analysis of HeLa cells, using anti-Destrin antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-71669**

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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)                        |
| NBP1-98933-100ug | Recombinant Human Destrin His 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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