

# Product Datasheet

## CISD1 Antibody (OTI4G3)

### NBP2-02321

Unit Size: 0.1 ml

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

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**NBP2-02321**

CISD1 Antibody (OTI4G3)

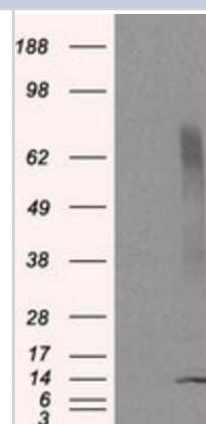
| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 ml                                   |
| Concentration           | 0.68 mg/ml                               |
| Storage                 | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                               |
| Clone                   | OTI4G3                                   |
| Preservative            | 0.02% Sodium Azide                       |
| Isotype                 | IgG1                                     |
| Purity                  | Immunogen affinity purified              |
| Buffer                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| Target Molecular Weight | 12.2 kDa                                 |

| Product Description |   |
|---------------------|---|
| Description         | Novus Biologicals Mouse CISD1 Antibody (OTI4G3) (NBP2-02321) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| Host                | Mouse   |
| Gene ID             | 55847   |
| Gene Symbol         | CISD1   |
| Species             | Human, Mouse, Rat   |
| 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 CISD1 (NP_060934) produced in HEK293T cell.  |

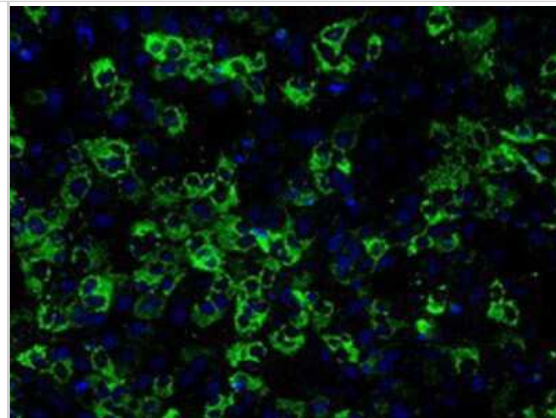
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                        |
| Recommended Dilutions       | Western Blot 1:2000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50 |

**Images**

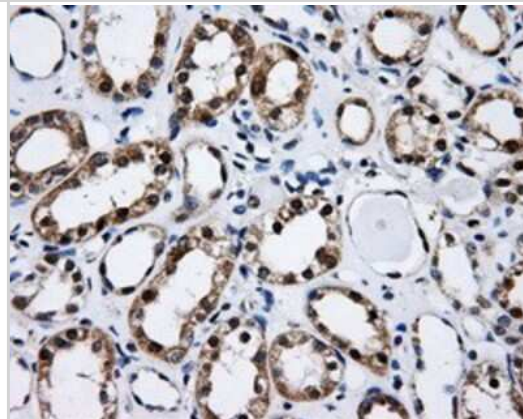
Western Blot: CISD1 Antibody (4G3) [NBP2-02321] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CISD1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CISD1.



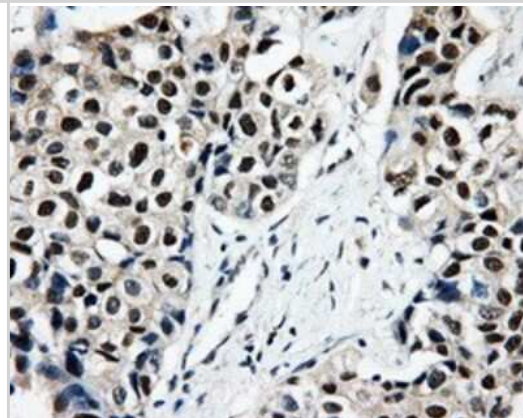
Immunocytochemistry/Immunofluorescence: CISD1 Antibody (4G3) [NBP2-02321] Staining of COS7 cells transiently transfected by pCMV6-ENTRY CISD1.



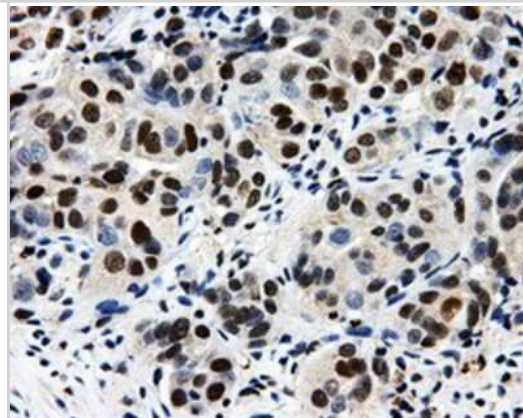
Immunohistochemistry-Paraffin: CISD1 Antibody (4G3) [NBP2-02321] - Staining of paraffin-embedded Kidney tissue using anti-CISD1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: CISD1 Antibody (4G3) [NBP2-02321] - Staining of paraffin-embedded Adenocarcinoma of breast tissue using anti-CISD1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: CISD1 Antibody (4G3) [NBP2-02321] - Staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-CISD1 mouse monoclonal antibody.





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### **Products Related to NBP2-02321**

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|                  |  |
|------------------|--|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                   |

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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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