

# Product Datasheet

## **VBP1 Antibody (OTI2A3) - Azide and BSA Free NBP2-74833**

Unit Size: 100 ug

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

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**NBP2-74833**

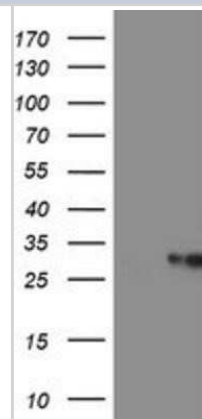
VBP1 Antibody (OTI2A3) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                                                                                                                                                                                          |
| Concentration               | LYOPH mg/ml                                                                                                                                                                                                                                                                                                                                     |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                      |
| Clone                       | OTI2A3                                                                                                                                                                                                                                                                                                                                          |
| 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     | 22.4 kDa                                                                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                 |
| Description                 | Novus Biologicals Mouse VBP1 Antibody (OTI2A3) - Azide and BSA Free (NBP2-03754) 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                     | 7411                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                 | VBP1                                                                                                                                                                                                                                                                                                                                            |
| Species                     | Human, Mouse, Rat, Canine, 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 VBP1(NP_003363) produced in HEK293T cell.                                                                                                                                                                                                                                                        |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                 |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                                                                                                                                                                                                       |
| Recommended Dilutions       | Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin                                                                                                                                                                                                                |

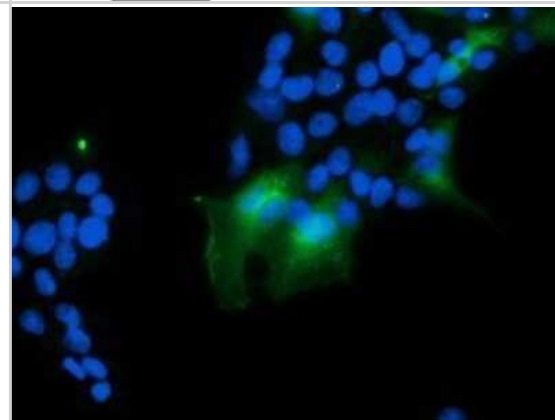


## Images

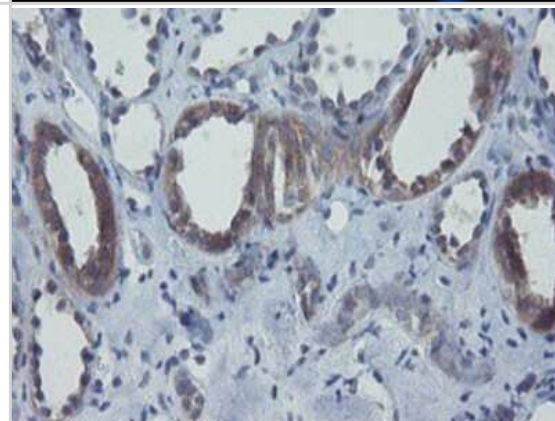
Western Blot: VBP1 Antibody (OTI2A3) - Azide and BSA Free [NBP2-74833] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY VBP1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-VBP1.



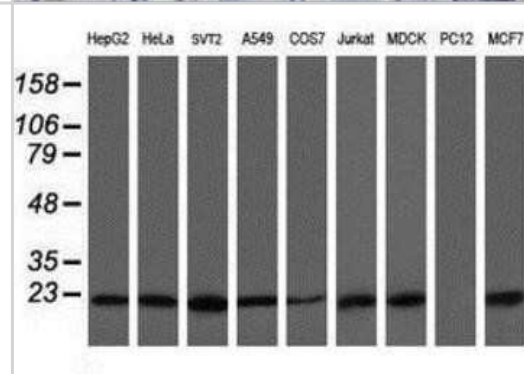
Immunocytochemistry/Immunofluorescence: VBP1 Antibody (OTI2A3) - Azide and BSA Free [NBP2-74833] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY VBP1.



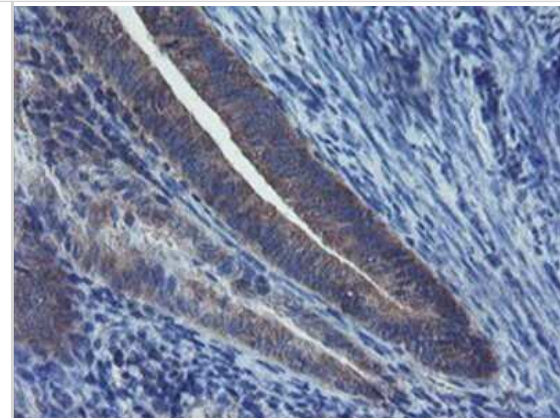
Immunohistochemistry: VBP1 Antibody (OTI2A3) - Azide and BSA Free [NBP2-74833] - Staining of paraffin-embedded Human Kidney tissue using anti-VBP1 mouse monoclonal antibody.



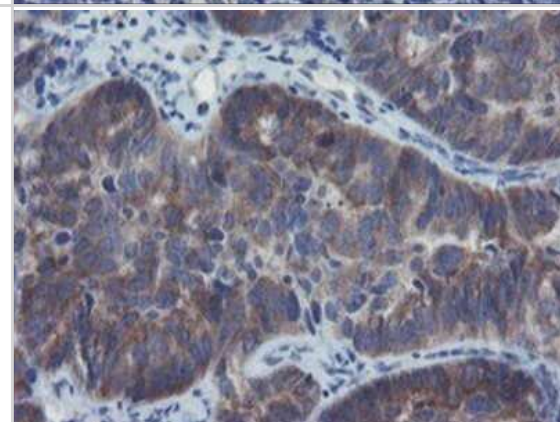
Western Blot: VBP1 Antibody (OTI2A3) - Azide and BSA Free [NBP2-74833] - Analysis of extracts (35ug) from 9 different cell lines by using anti-VBP1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



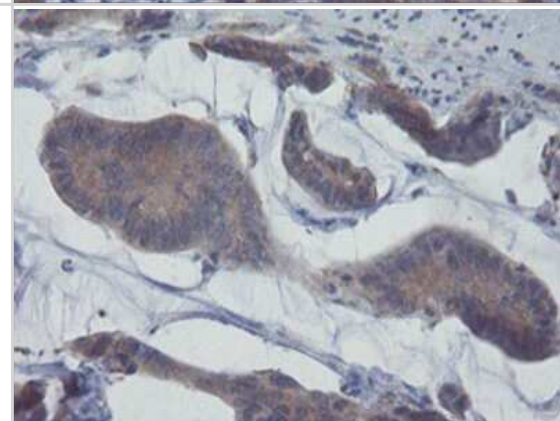
Immunohistochemistry: VBP1 Antibody (OTI2A3) - Azide and BSA Free [NBP2-74833] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-VBP1 mouse monoclonal antibody.



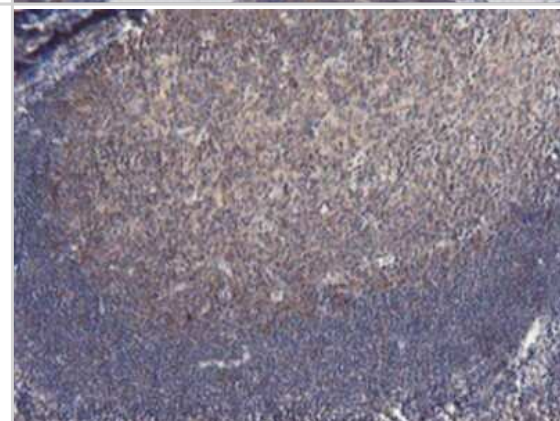
Immunohistochemistry: VBP1 Antibody (OTI2A3) - Azide and BSA Free [NBP2-74833] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-VBP1 mouse monoclonal antibody.



Immunohistochemistry: VBP1 Antibody (OTI2A3) - Azide and BSA Free [NBP2-74833] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-VBP1 mouse monoclonal antibody.



Immunohistochemistry: VBP1 Antibody (OTI2A3) - Azide and BSA Free [NBP2-74833] - Staining of paraffin-embedded Human tonsil using anti-VBP1 mouse monoclonal antibody.





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### **Products Related to NBP2-74833**

|                  |                                                    |
|------------------|----------------------------------------------------|
| 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)                   |

### **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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