

# Product Datasheet

## OSBP1 Antibody (OTI1F2)

### NBP2-00935

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 2

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**NBP2-00935****OSBP1 Antibody (OTI1F2)**

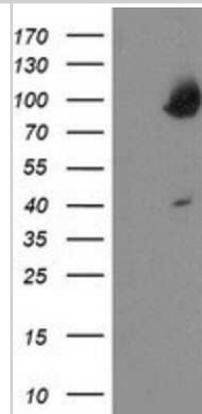
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.33 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI1F2
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	89.2 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse OSBP1 Antibody (OTI1F2) (NBP2-00935) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-OSBP1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	5007
<b>Gene Symbol</b>	OSBP
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	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.
<b>Immunogen</b>	Full length human recombinant protein of human OSBP (NP_002547) produced in HEK293T cell.

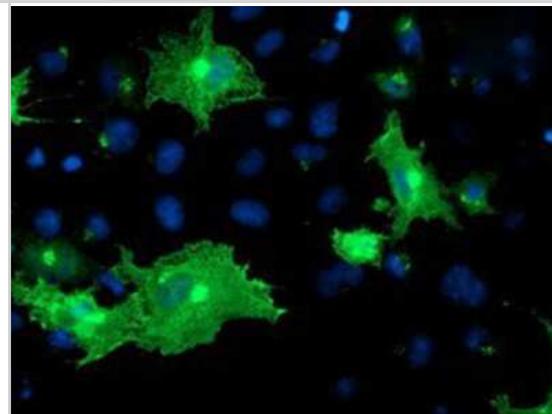
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence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

## Images

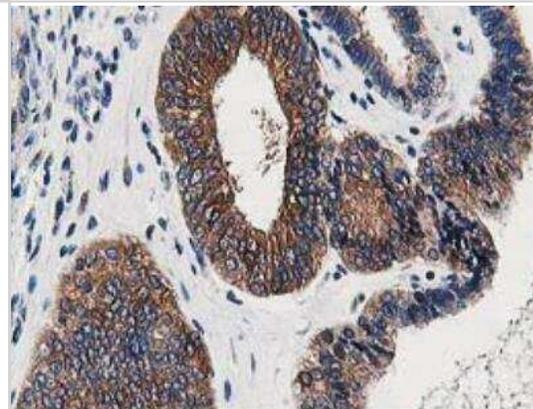
Western Blot: OSBP1 Antibody (1F2) [NBP2-00935] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OSBP1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-OSBP1.



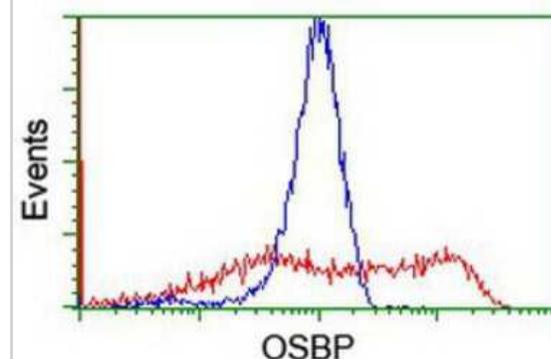
Immunocytochemistry/Immunofluorescence: OSBP1 Antibody (1F2) [NBP2-00935] Staining of COS7 cells transiently transfected by pCMV6-ENTRY OSBP1.



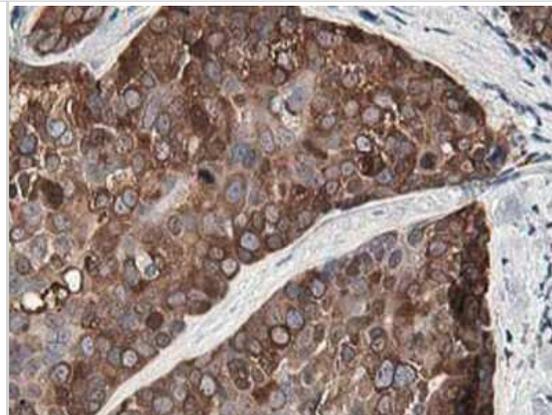
Immunohistochemistry-Paraffin: OSBP1 Antibody (OTI1F2) [NBP2-00935] - Staining of paraffinembedded Adenocarcinoma of Human endometrium tissue using anti-OSBP mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min, TA503140)



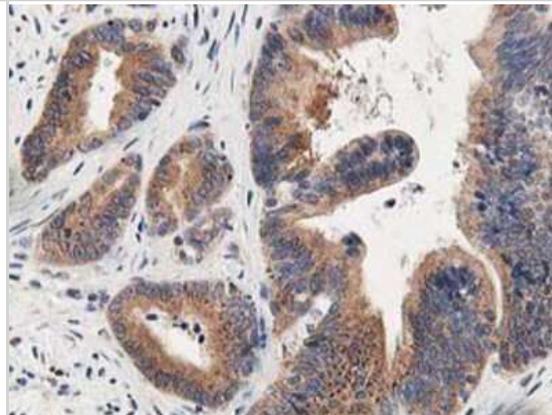
Flow Cytometry: OSBP1 Antibody (1F2) [NBP2-00935] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-OSBP1 antibody, and then analyzed by flow cytometry.



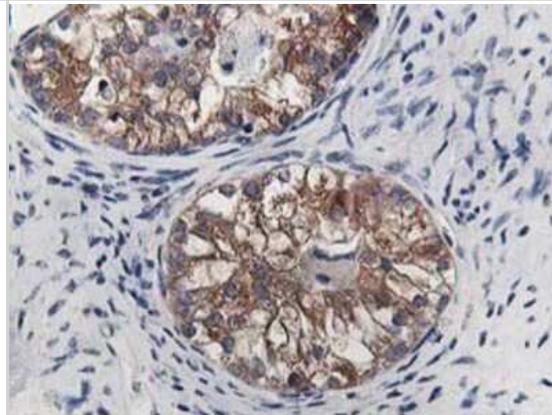
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-OSBP1 mouse monoclonal antibody.



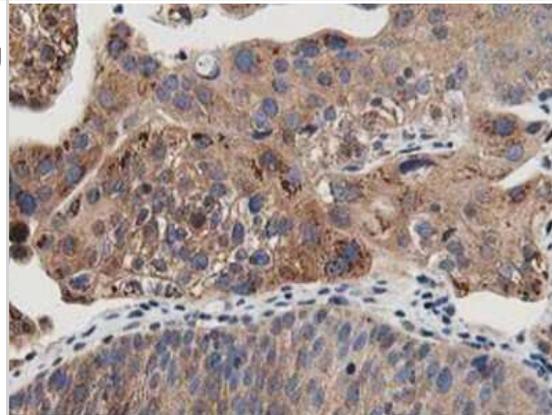
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-OSBP1 mouse monoclonal antibody.



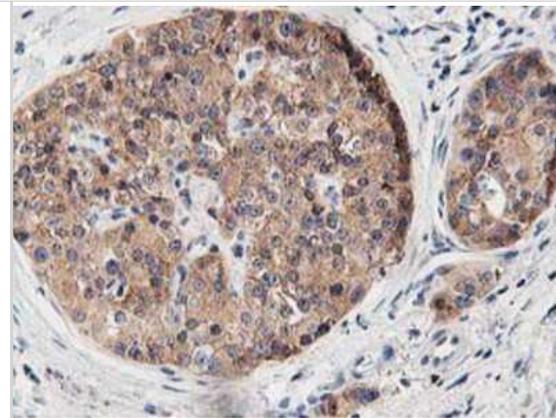
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-OSBP1 mouse monoclonal antibody.



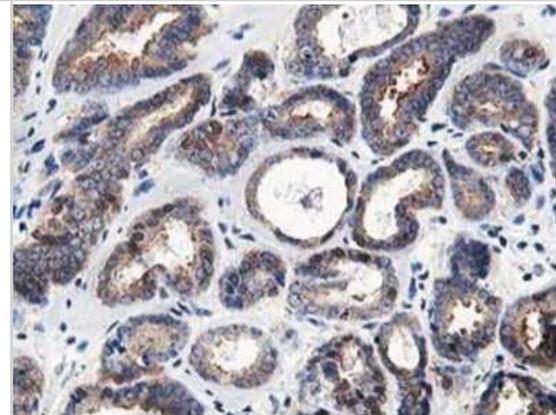
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-OSBP1 mouse monoclonal antibody.



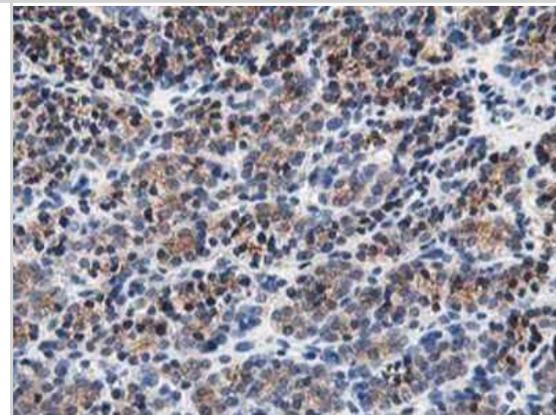
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-OSBP1 mouse monoclonal antibody.



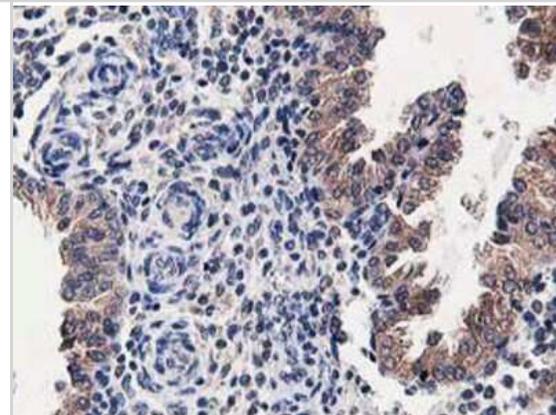
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-OSBP1 mouse monoclonal antibody.



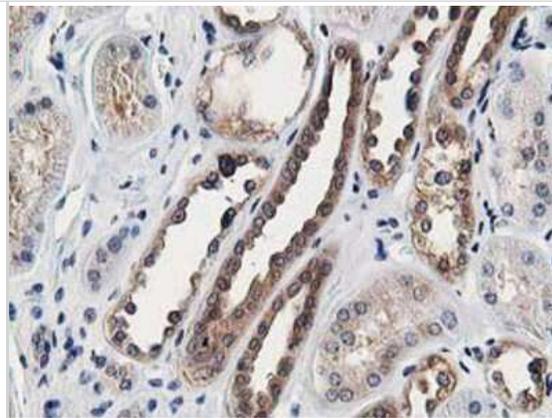
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-OSBP1 mouse monoclonal antibody.



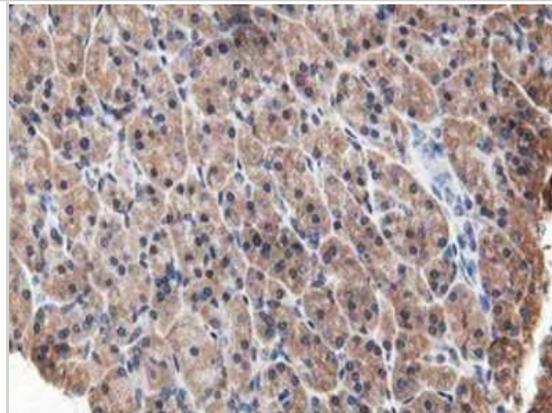
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Human endometrium tissue using anti-OSBP1 mouse monoclonal antibody.



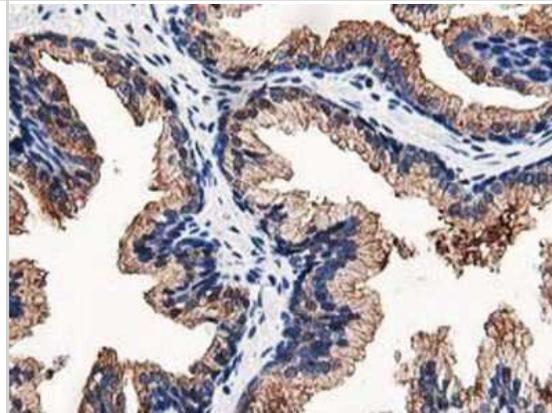
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Human Kidney tissue using anti-OSBP1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Human pancreas tissue using anti-OSBP1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Human prostate tissue using anti-OSBP1 mouse monoclonal antibody.



## Publications

Roberts BL, Severance ZC, Bensen RC et al. Differing activities of oxysterol-binding protein (OSBP) targeting anti-viral compounds Antiviral Res. 2019-07-01 [PMID: 31271764] (ICC/IF, Human)

Roberts BL, Severance ZC, Bensen RC et al. Persistent, Multi-Generational Reduction of Oxysterol-Binding Protein Caused by Compound Treatment Induces Prophylactic Anti-Viral Activity. ACS Chem. Biol. 2018-12-21 [PMID: 30576108] (ICC/IF, Human)



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### **Products Related to NBP2-00935**

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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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