

Product Datasheet

OSBP1 Antibody (OTI1F2) NBP2-00935

Unit Size: 0.1 ml

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

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

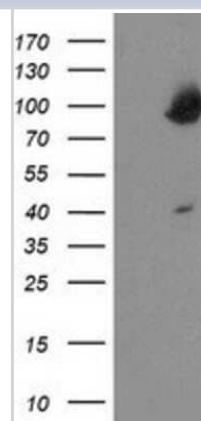
Product Information	
Unit Size	0.1 ml
Concentration	0.33 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1F2
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	89.2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

Product Description	
Host	Mouse
Gene ID	5007
Gene Symbol	OSBP
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 OSBP (NP_002547) produced in HEK293T cell.

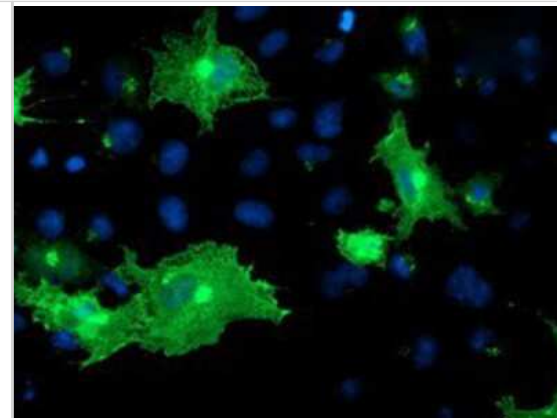
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100,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



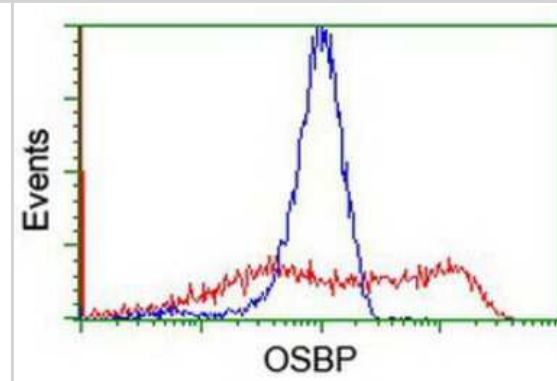
Immunocytochemistry/Immunofluorescence: OSBP1 Antibody (1F2) [NBP2-00935] Staining of COS7 cells transiently transfected by pCMV6-ENTRY OSBP1.



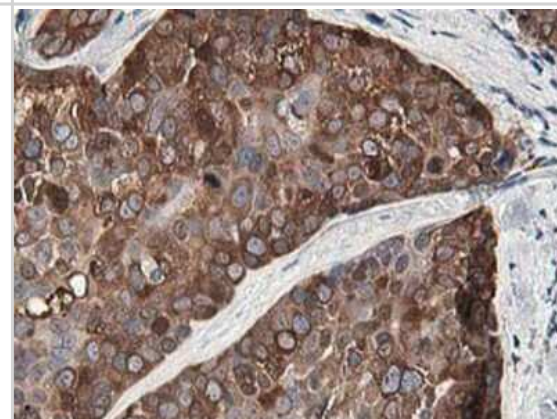
Immunohistochemistry-Paraffin: OSBP1 Antibody (OTI1F2) [NBP2-00935] - Staining of paraffinembedded Adenocarcinoma of Human endometrium tissue using anti-OSBP mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min, TA503140)



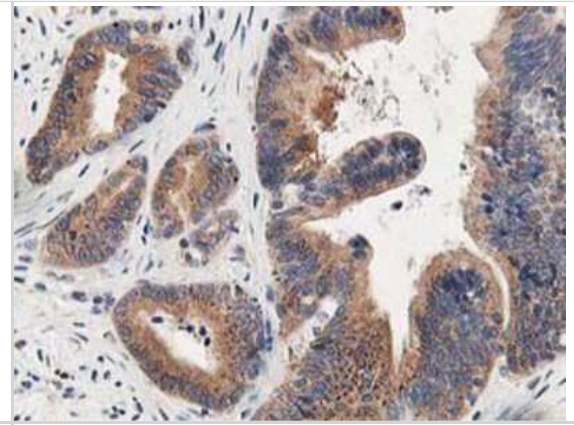
Flow Cytometry: OSBP1 Antibody (1F2) [NBP2-00935] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-OSBP1 antibody, and then analyzed by flow cytometry.



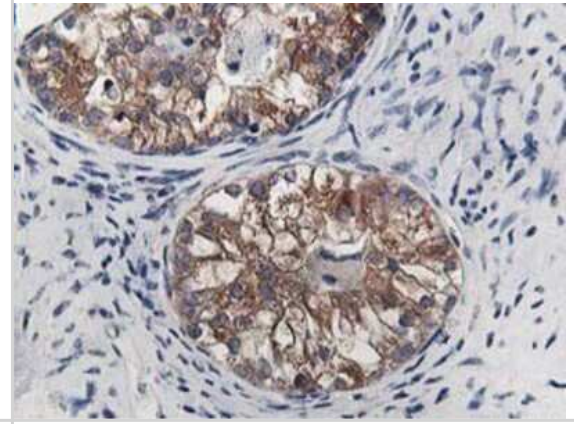
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-OSBP1 mouse monoclonal antibody.



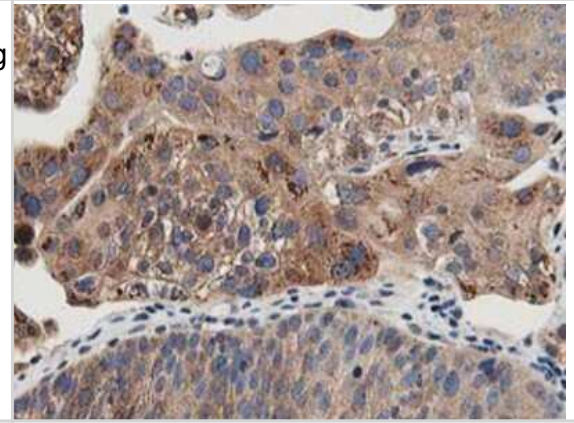
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-OSBP1 mouse monoclonal antibody.



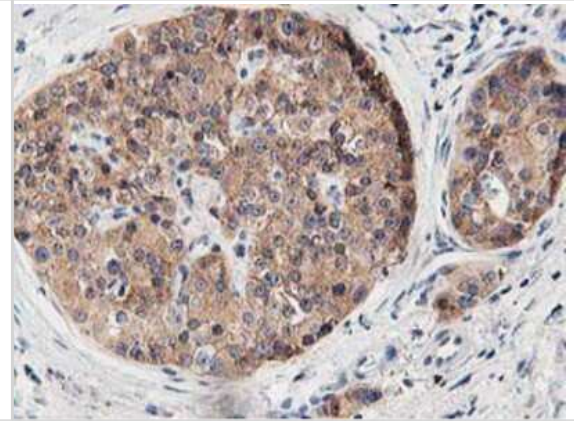
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-OSBP1 mouse monoclonal antibody.



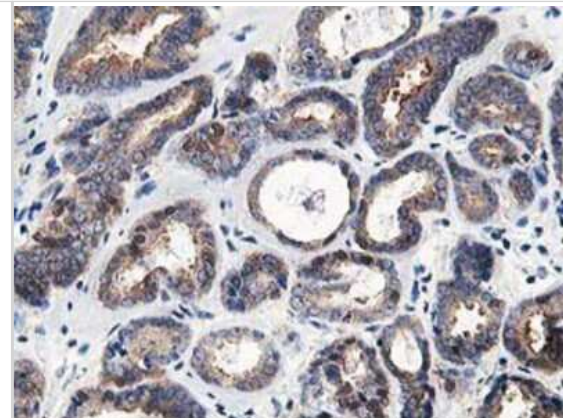
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-OSBP1 mouse monoclonal antibody.



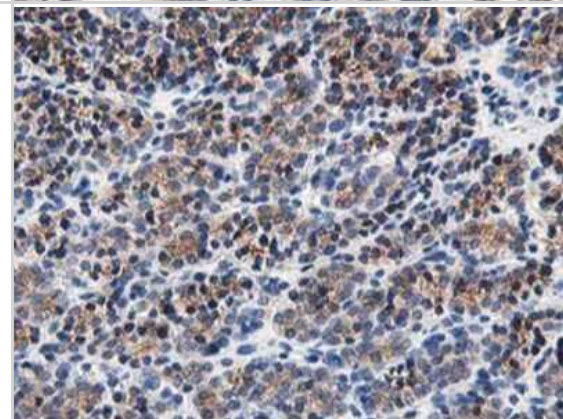
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-OSBP1 mouse monoclonal antibody.



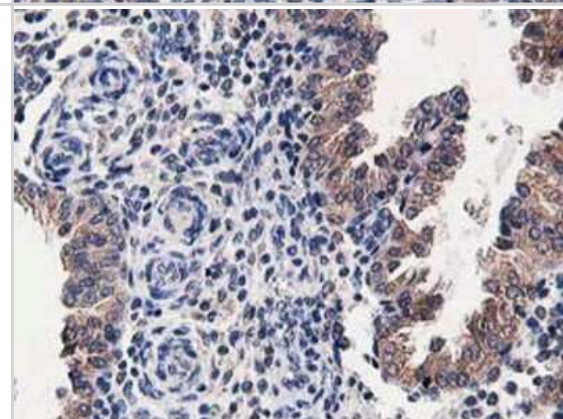
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-OSBP1 mouse monoclonal antibody.



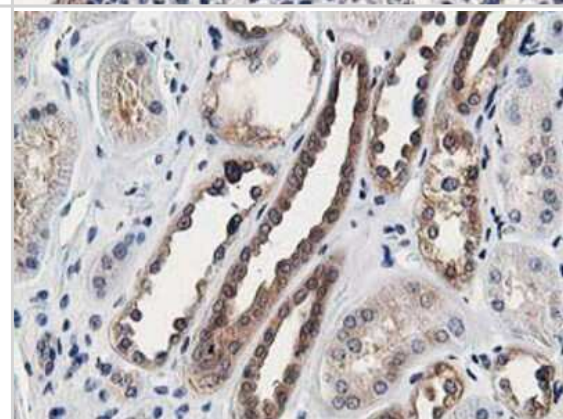
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-OSBP1 mouse monoclonal antibody.



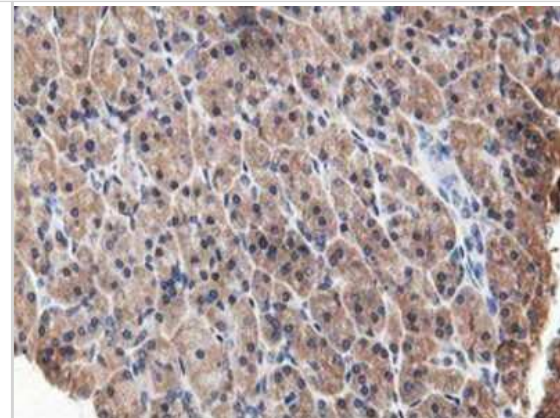
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Human endometrium tissue using anti-OSBP1 mouse monoclonal antibody.



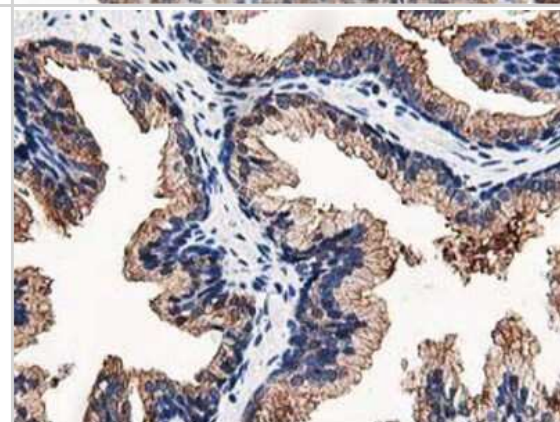
Immunohistochemistry-Paraffin: OSBP1 Antibody (1F2) [NBP2-00935] - Staining of paraffin-embedded Human Kidney tissue using anti-OSBP1 mouse monoclonal antibody.



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

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)
H00005007-Q01-10ug	Recombinant Human OSBP1 GST (N-Term) Protein

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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