

Product Datasheet

POR/Cytochrome P450 Reductase Antibody (OTI3F10) NBP1-47914

Unit Size: 0.1 ml

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

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NBP1-47914**POR/Cytochrome P450 Reductase Antibody (OTI3F10)**

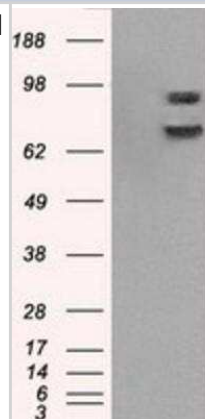
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3F10
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	76.9 kDa

Product Description	
Description	Novus Biologicals Mouse POR/Cytochrome P450 Reductase Antibody (OTI3F10) (NBP1-47914) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5447
Gene Symbol	POR
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.
Specificity/Sensitivity	This antibody is specific for Homo sapiens P450 (cytochrome) oxidoreductase (POR).
Immunogen	Full length human recombinant protein of human POR (NP_000932) produced in HEK293T cell.

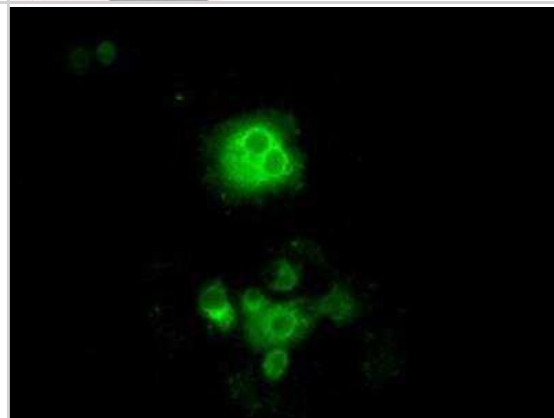
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunohistochemistry-Paraffin 1:50

Images

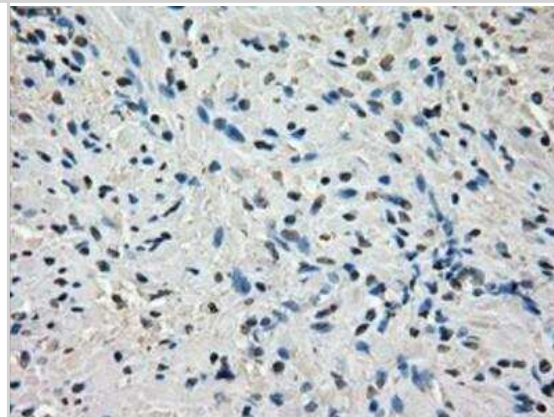
Western Blot: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Cytochrome P450 Reductase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Cytochrome P450 Reductase.



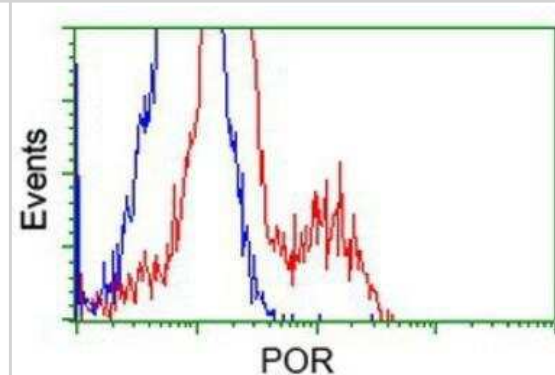
Immunocytochemistry/Immunofluorescence: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Cytochrome P450 Reductase.



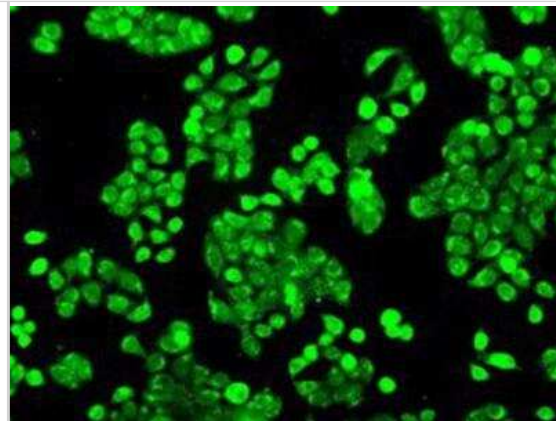
Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of paraffin-embedded Human prostate tissue using anti-Cytochrome P450 Reductase mouse monoclonal antibody.



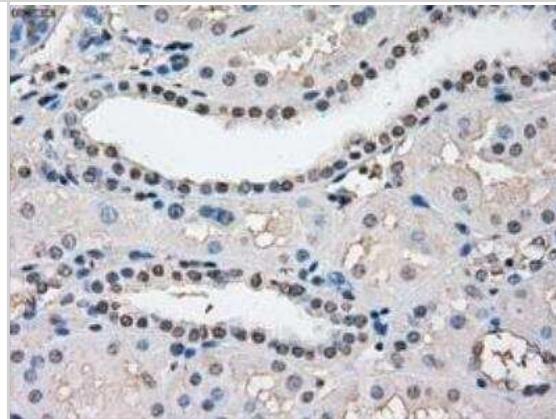
Flow Cytometry: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Cytochrome P450 Reductase antibody, and then analyzed by flow cytometry.



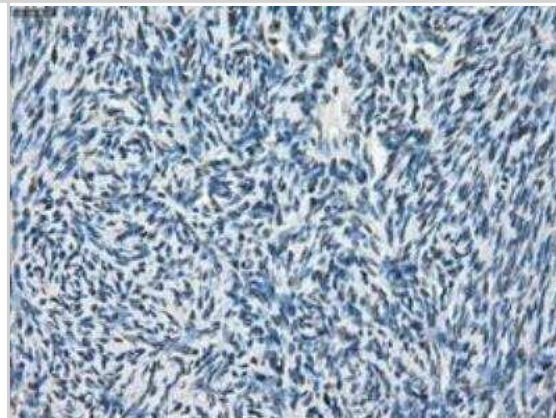
Immunocytochemistry/Immunofluorescence: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of HT29 cells using anti-Cytochrome P450 Reductase mouse monoclonal antibody.



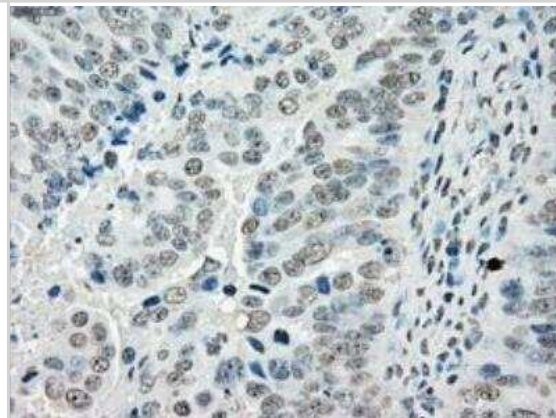
Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-Cytochrome P450 Reductase mouse monoclonal antibody.



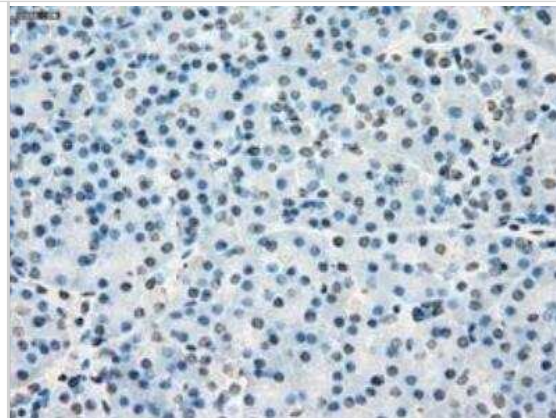
Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-Cytochrome P450 Reductase mouse monoclonal antibody.



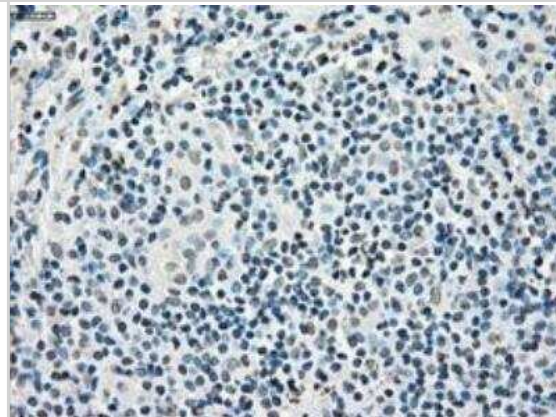
Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Cytochrome P450 Reductase mouse monoclonal antibody.



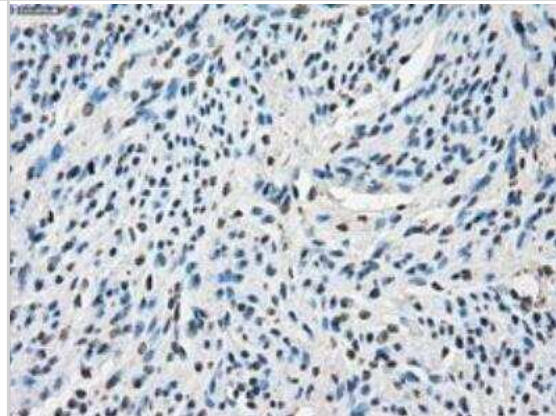
Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Cytochrome P450 Reductase mouse monoclonal antibody.



Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-Cytochrome P450 Reductase mouse monoclonal antibody.



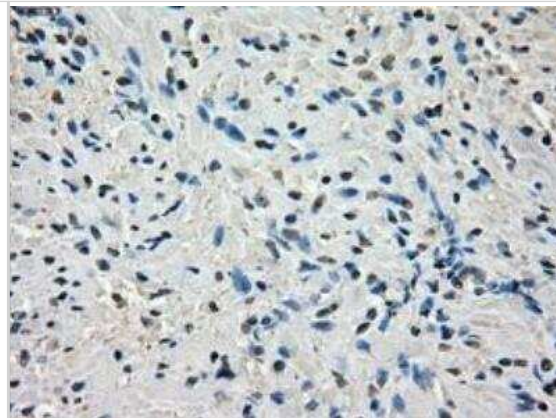
Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of paraffin-embedded Human endometrium tissue using anti-Cytochrome P450 Reductase mouse monoclonal antibody.



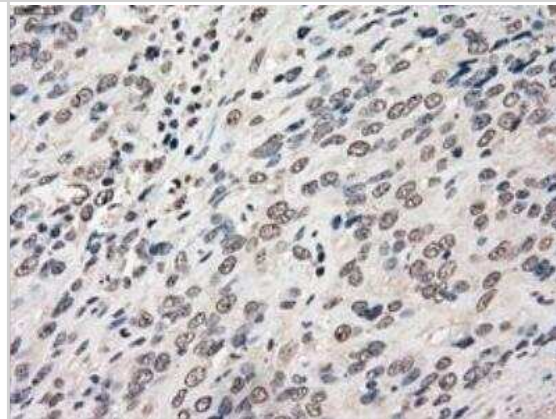
Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of paraffin-embedded Human Kidney tissue using anti-Cytochrome P450 Reductase mouse monoclonal antibody.



Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of paraffin-embedded Human Ovary tissue using anti-Cytochrome P450 Reductase mouse monoclonal antibody.



Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (3F10) [NBP1-47914] - Staining of paraffin-embedded Human pancreas tissue using anti-Cytochrome P450 Reductase mouse monoclonal antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-47914

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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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