

Anti-Cytochrome P450 Reductase (POR) Mouse Monoclonal Antibody [Clone ID: OTI5B3]

Catalog Number: M02166-1

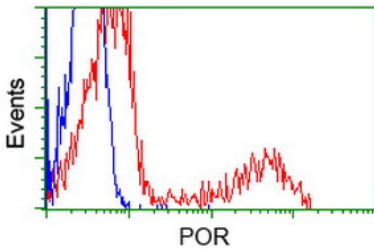
Overview

Product Name	Anti-Cytochrome P450 Reductase (POR) Mouse Monoclonal Antibody [Clone ID: OTI5B3]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio POR (Cytochrome P450 Reductase) mouse monoclonal antibody, clone OTI5B3 (formerly 5B3). Catalog# M02166-1. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Conjugate	Unconjugated
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI5B3
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P16435

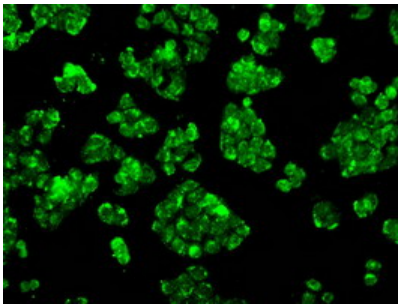
Technical Details

Immunogen	Full length human recombinant protein of human POR (NP_000932) produced in HEK293T cell.
Isotype	IgG2a
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:500 IHC 1:50 IF 1:50 Flow Cytometry 1:100

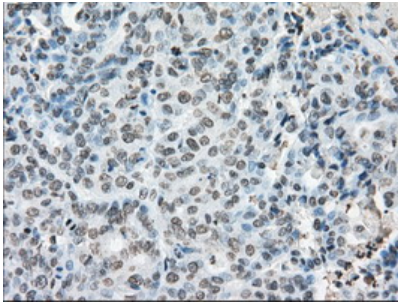
Anti-Cytochrome P450 Reductase (POR) Mouse Monoclonal Antibody [Clone ID: OTI5B3] (M02166-1) Images



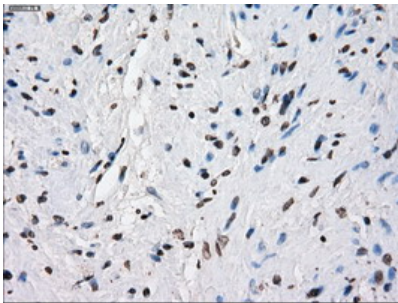
HEK293T cells transfected with either POR (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-POR antibody (M02166-1)



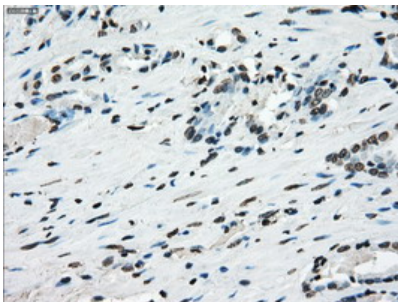
Immunofluorescent staining of HT29 cells using anti-POR mouse monoclonal antibody (M02166-1).



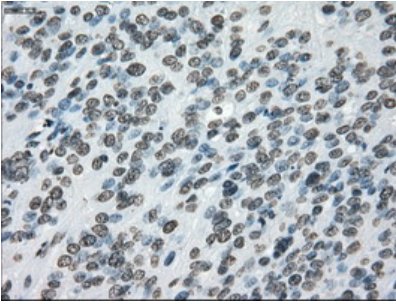
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



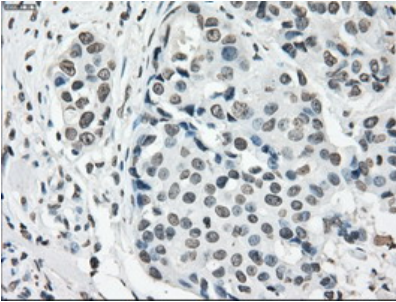
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



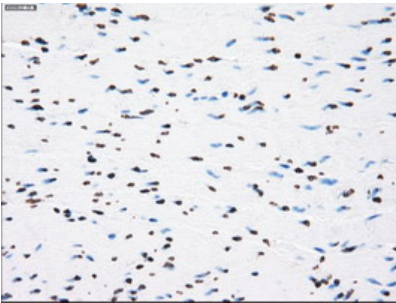
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



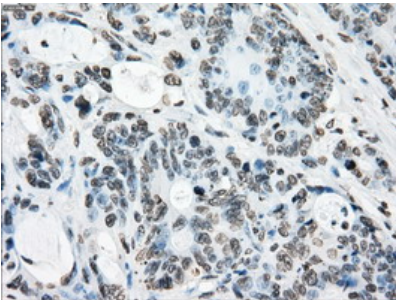
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



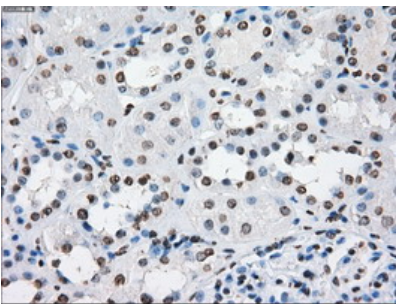
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

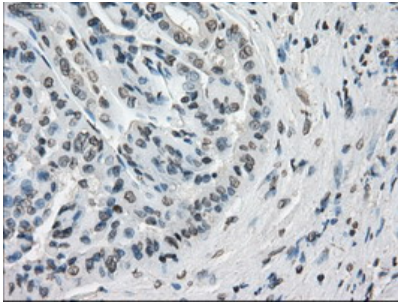


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

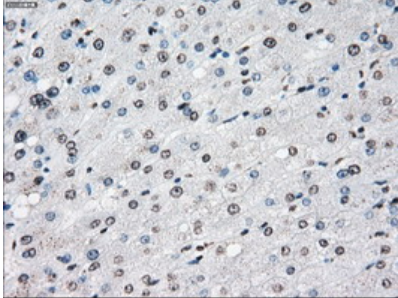


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

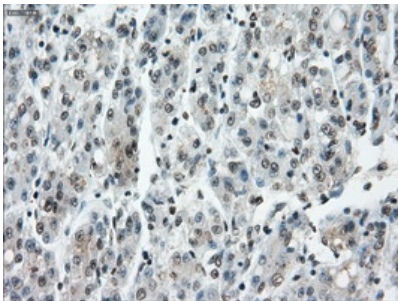
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-POR mouse



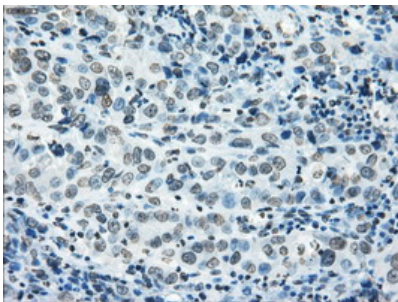
monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



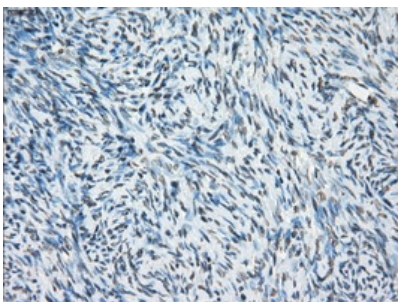
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

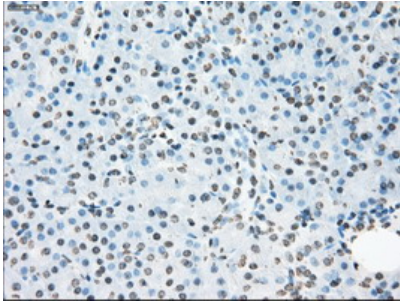


Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

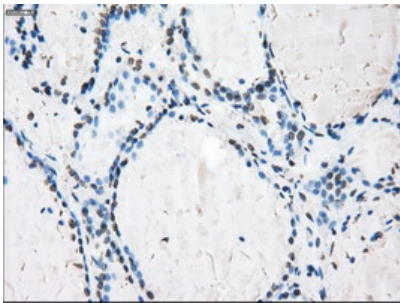
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval



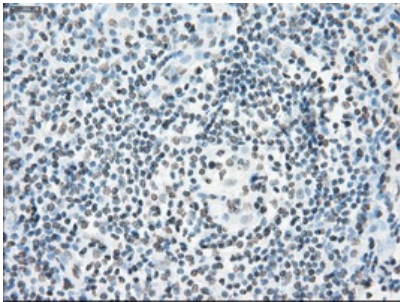
by 10mM citric buffer



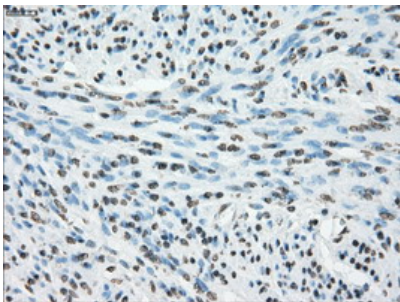
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

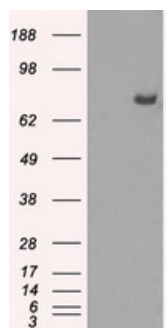


Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

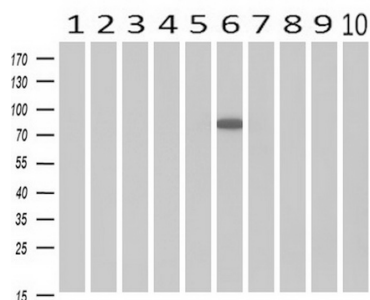


Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-POR mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY POR (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-POR.



Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-POR monoclonal antibody at 1:500 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).

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