

Anti-PTP epsilon (PTPRE) Mouse Monoclonal Antibody [Clone ID: OTI3D4]

Catalog Number: M05574

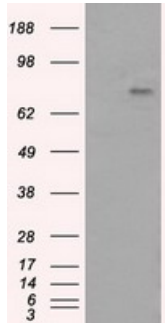
Overview

Product Name	Anti-PTP epsilon (PTPRE) Mouse Monoclonal Antibody [Clone ID: OTI3D4]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio PTPRE mouse monoclonal antibody, clone OTI3D4 (formerly 3D4). Catalog# M05574. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI3D4
Formulation	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P23469

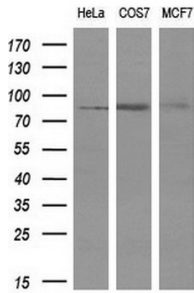
Technical Details

Immunogen	Full length human recombinant protein of human PTPRE (NP_006495) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.7 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

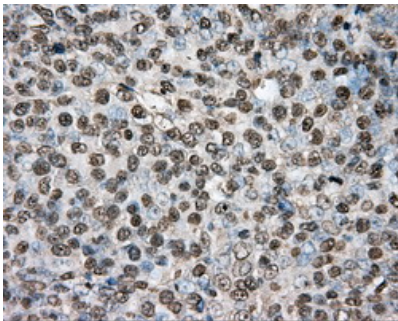
Anti-PTP epsilon (PTPRE) Mouse Monoclonal Antibody [Clone ID: OTI3D4] (M05574) Images



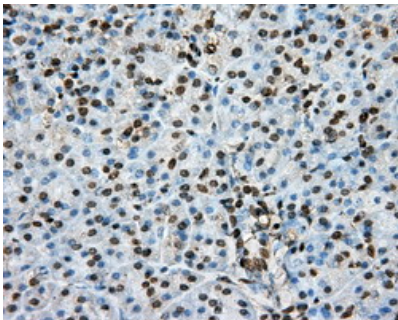
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PTPRE (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PTPRE.



Western blot analysis of extracts (10ug) from 3 different cell lines by using anti-PTPRE monoclonal antibody at 1:200 dilution.

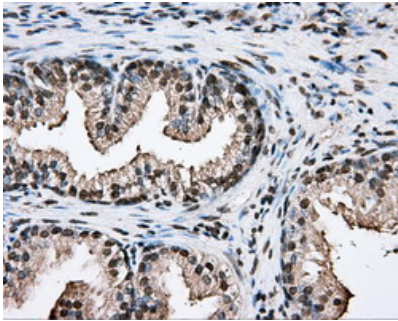
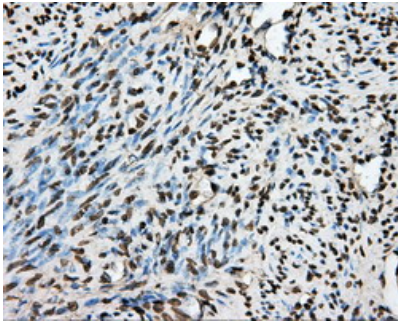


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-PTPRE mouse monoclonal antibody. (M05574; heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris)

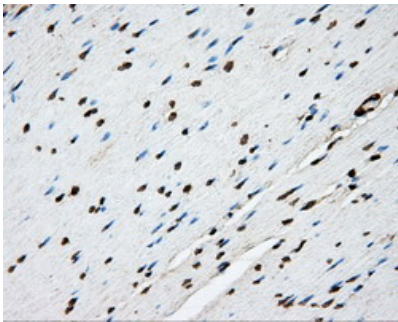


Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-PTPRE mouse monoclonal antibody. (M05574; heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris)

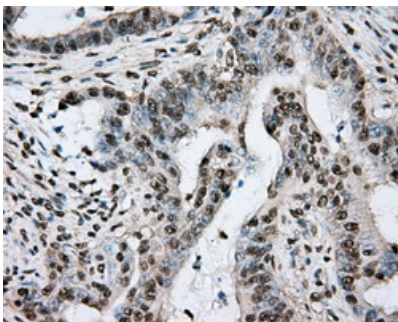
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-PTPRE mouse monoclonal antibody. (M05574; heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris)



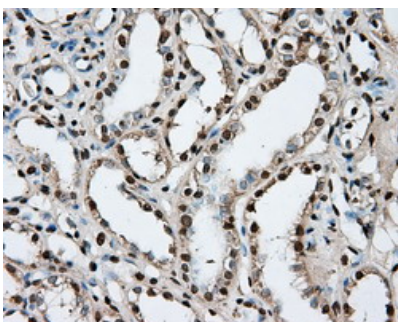
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PTPRE mouse monoclonal antibody. (M05574; heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris



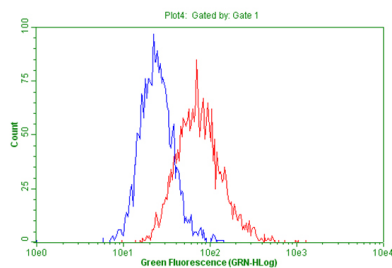
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-PTPRE mouse monoclonal antibody. (M05574; heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris



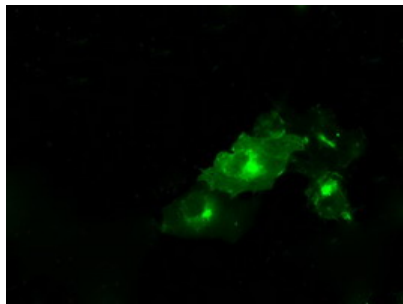
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-PTPRE mouse monoclonal antibody. (M05574; heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris



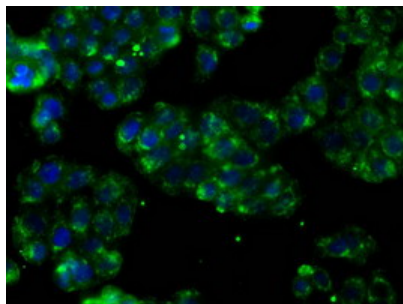
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-PTPRE mouse monoclonal antibody. (M05574; heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris



Flow cytometric Analysis of living Malme-3M cells



Anti-PTPRE mouse monoclonal antibody (M05574)
immunofluorescent staining of COS7 cells transiently
transfected by pCMV6-ENTRY PTPRE.



Immunofluorescent staining of HT29 cells using anti-PTPRE
mouse monoclonal antibody (M05574).

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