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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% 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 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	WB 1:2000 IHC 1:50 IF 1:100 Flow Cytometry 1:50

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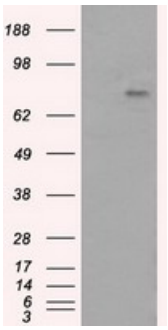
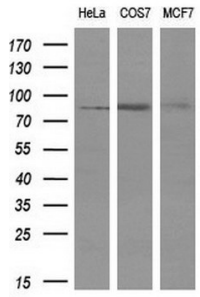
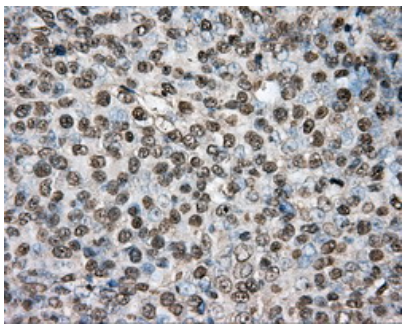
Anti-PTP epsilon (PTPRE) Mouse Monoclonal Antibody [Clone ID: OTI3D4] (M05574) Images



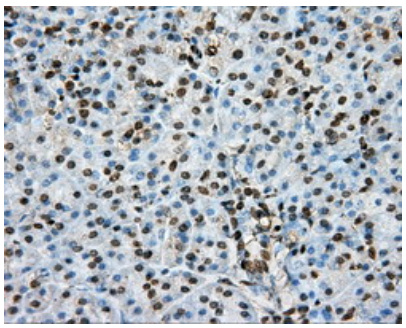
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PTPRE (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PTPRE.



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

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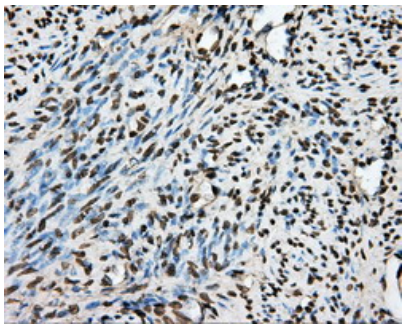
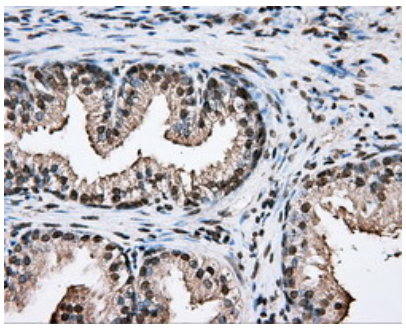
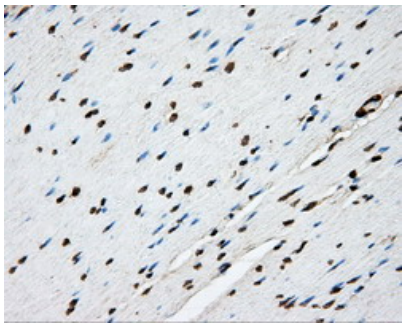
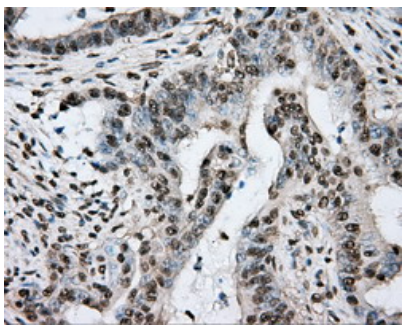




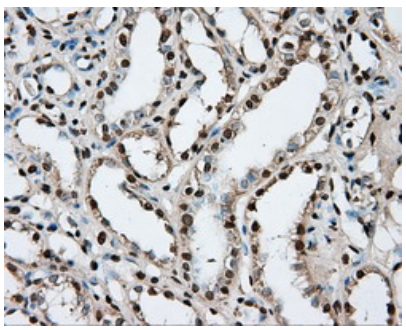
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PTPRE mouse monoclonal antibody. (M05574; heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris



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

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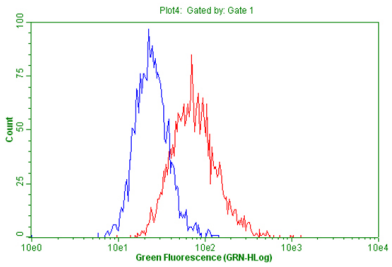
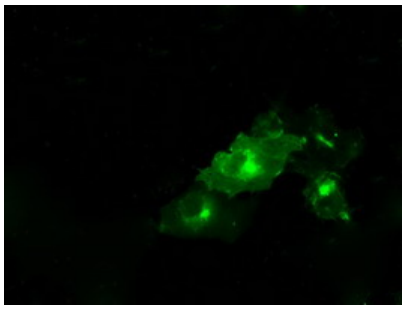
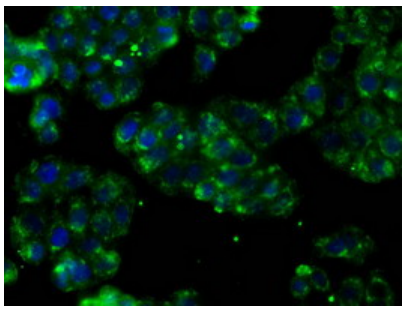


Flow cytometric Analysis of living Malme-3M cells



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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