

## Anti-Peroxiredoxin 4 (PRDX4) Mouse Monoclonal Antibody [Clone ID: OTI9A3]

Catalog Number: M05000

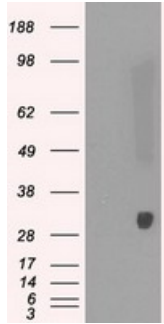
### Overview

Product Name	Anti-Peroxiredoxin 4 (PRDX4) Mouse Monoclonal Antibody [Clone ID: OTI9A3]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio PRDX4 (Peroxiredoxin 4) mouse monoclonal antibody, clone OTI9A3 (formerly 9A3). Catalog# M05000. Tested in IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal OTI9A3
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	Q13162

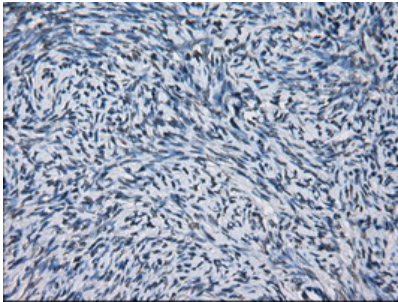
### Technical Details

Immunogen	Full length human recombinant protein of human PRDX4 (NP_006397) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.64 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

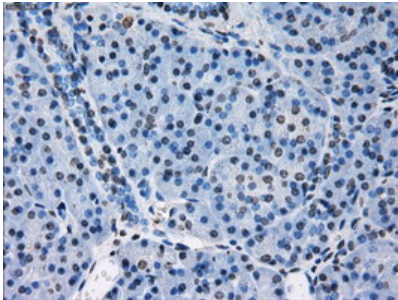
## Anti-Peroxiredoxin 4 (PRDX4) Mouse Monoclonal Antibody [Clone ID: OT19A3] (M05000) Images



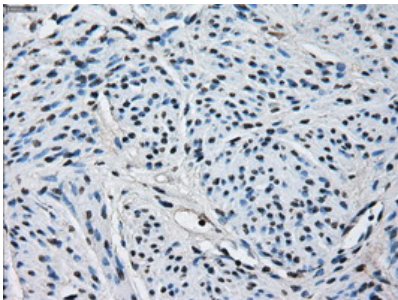
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PRDX4 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PRDX4.



Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-PRDX4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

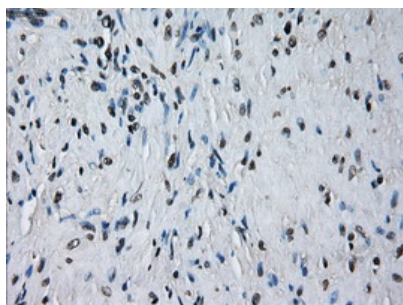


Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-PRDX4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

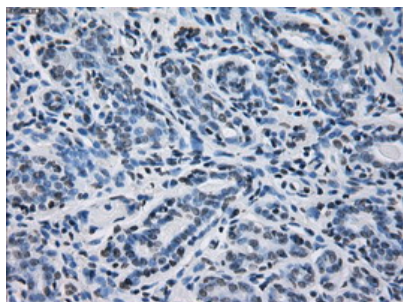


Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-PRDX4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

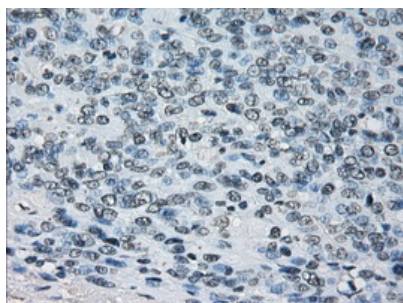
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PRDX4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



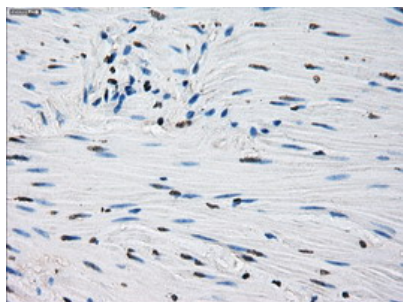
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-PRDX4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-PRDX4 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-PRDX4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Anti-PRDX4 mouse monoclonal antibody (M05000) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PRDX4.

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**Anti-Peroxiredoxin 4 (PRDX4) Mouse Monoclonal Antibody [Clone ID: OT19A3]**

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