

Anti-cGKI (PRKG1) Mouse Monoclonal Antibody [Clone ID: OTI9G4]

Catalog Number: M01708

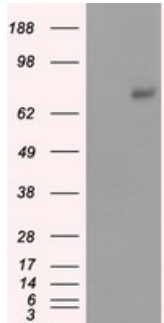
Overview

Product Name	Anti-cGKI (PRKG1) Mouse Monoclonal Antibody [Clone ID: OTI9G4]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PRKG1 (cGKI) mouse monoclonal antibody, clone OTI9G4 (formerly 9G4). Catalog# M01708. Tested in IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal OTI9G4
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	Q13976

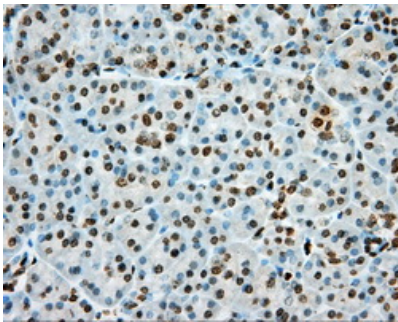
Technical Details

Immunogen	Full length human recombinant protein of human PRKG1 (NP_006249) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.83 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:3000 IHC: 1:50 IF: 1:100

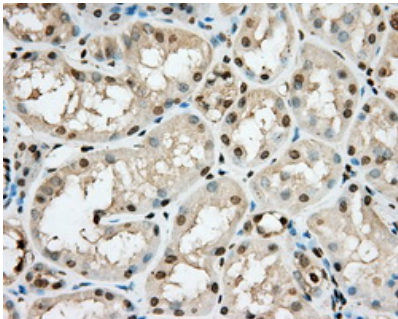
Anti-cGKI (PRKG1) Mouse Monoclonal Antibody [Clone ID: OTI9G4] (M01708) Images



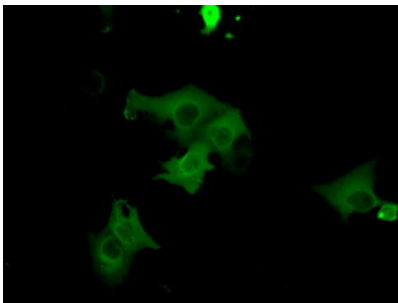
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PRKG1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PRKG1.



Immunohistochemical staining of paraffin-embedded pancreas tissue within the normal limits using anti-PRKG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Kidney tissue within the normal limits using anti-PRKG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Anti-PRKG1 mouse monoclonal antibody (M01708) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PRKG1.

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