

Anti-cGKI (PRKG1) Mouse Monoclonal Antibody [Clone ID: OTI9A4]

Catalog Number: M01708-1

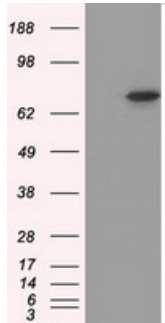
Overview

Product Name	Anti-cGKI (PRKG1) Mouse Monoclonal Antibody [Clone ID: OTI9A4]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PRKG1 (cGKI) mouse monoclonal antibody, clone OTI9A4 (formerly 9A4). Catalog# M01708-1. Tested in FC, IF, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, WB
Clonality	Monoclonal OTI9A4
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

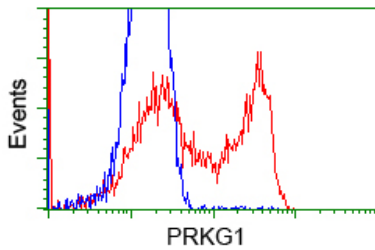
Technical Details

Immunogen	Full length human recombinant protein of human PRKG1 (NP_006249) produced in HEK293T cell.
Isotype	IgG2b
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:2000 IF 1:100 Flow Cytometry 1:100

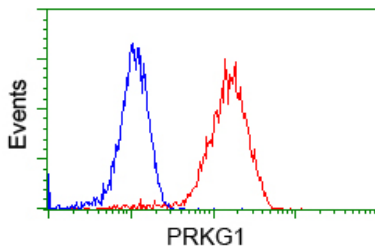
Anti-cGKI (PRKG1) Mouse Monoclonal Antibody [Clone ID: OTI9A4] (M01708-1) Images



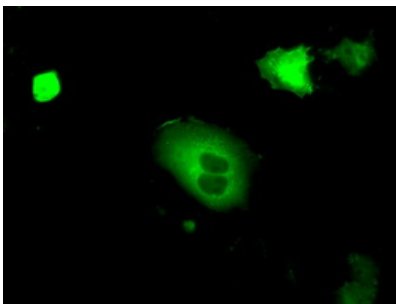
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PRKG1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PRKG1.



HEK293T cells transfected with either PRKG1 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PRKG1 antibody (M01708-1)



Flow cytometric Analysis of Jurkat cells



Anti-PRKG1 mouse monoclonal antibody (M01708-1) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PRKG1.

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