

Datasheet for ABIN2718495

anti-PRKG1 antibody

3 Images

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Overview

Quantity:	0.1 mL
Target:	PRKG1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PRKG1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Full length human recombinant protein of human PRKG1 (NP_006249) produced in HEK293T cell.
Clone:	9A4
Isotype:	IgG2b
Purification:	Purified from mouse ascites fluids by affinity chromatography

Target Details

Target:	PRKG1
Alternative Name:	PRKG1 (PRKG1 Products)
Molecular Weight:	77.6 kDa
Gene ID:	5592

Target Details

NCBI Accession: [NM_006258](#)

HGNC: 5592

Application Details

Application Notes: WB 1:2000, IF 1:100, FLOW 1:100

Comment: The concentration of the product may vary between different lots.

Restrictions: For Research Use only

Handling

Format: Liquid

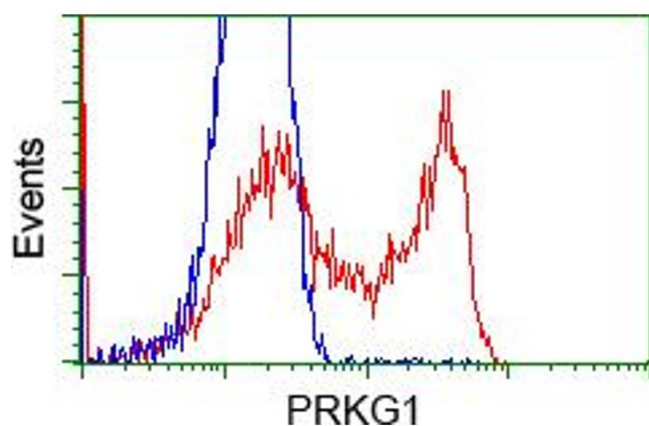
Concentration: 0.5-1.0 mg/mL

Buffer: PBS (pH 7.3) containing 1 % BSA, 50 % glycerol and 0.02 % sodium azide.

Preservative: Sodium azide

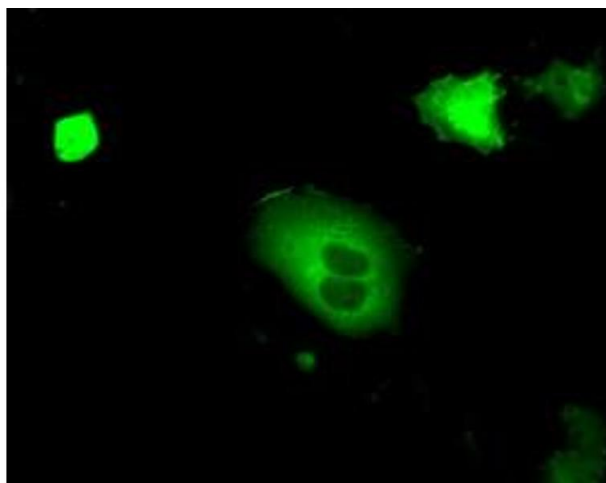
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Images



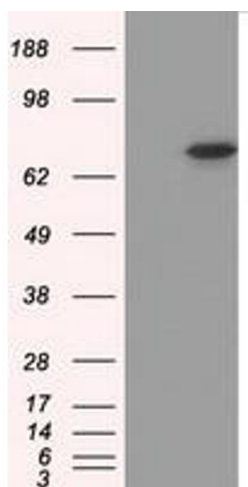
Flow Cytometry

Image 1. HEK293T cells transfected with either RC220986 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PRKG1 antibody (ABIN2453516), and then analyzed by flow cytometry.



Immunofluorescence

Image 2. Anti-PRKG1 mouse monoclonal antibody (ABIN2453516) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PRKG1 (RC220986).



Western Blotting

Image 3. 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 µg per lane) were separated by SDS-PAGE and immunoblotted with anti-PRKG1.