

## Anti-Protein Kinase D2 (PRKD2) Mouse Monoclonal Antibody [Clone ID: OTI5G1]

Catalog Number: M04056

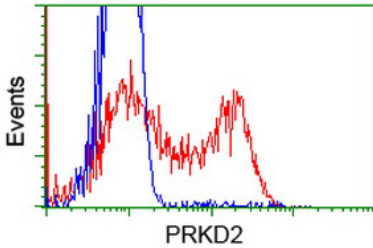
### Overview

Product Name	Anti-Protein Kinase D2 (PRKD2) Mouse Monoclonal Antibody [Clone ID: OTI5G1]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-PRKD2 (Protein Kinase D2) mouse monoclonal antibody, clone OTI5G1 (formerly 5G1). Catalog# M04056. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Conjugate	Unconjugated
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI5G1
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 for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q9BZL6

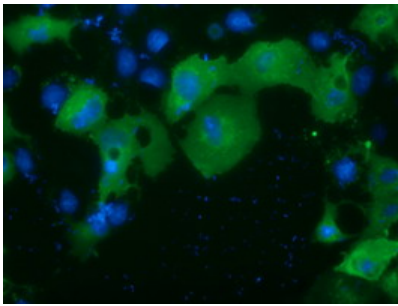
### Technical Details

Immunogen	Full length human recombinant protein of human PRKD2 (NP_057541) produced in HEK293T cell.
Isotype	IgG2b
Concentration	0.72 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:500~2000 IHC 1:150 IF 1:100 Flow Cytometry 1:100

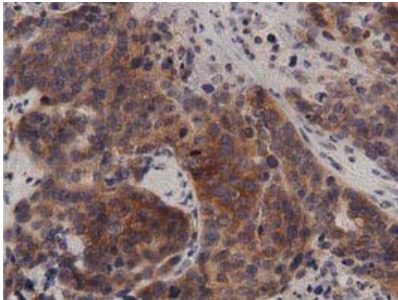
## Anti-Protein Kinase D2 (PRKD2) Mouse Monoclonal Antibody [Clone ID: OTI5G1] (M04056) Images



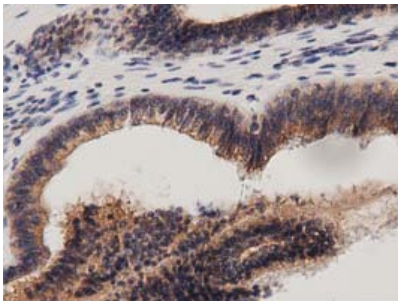
HEK293T cells transfected with either PRKD2 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PRKD2 antibody (M04056)



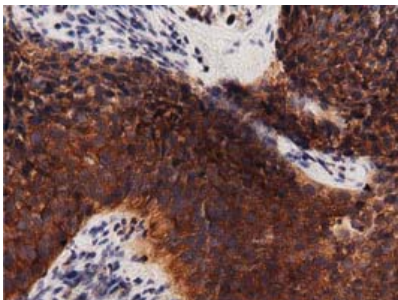
Anti-PRKD2 mouse monoclonal antibody (M04056) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PRKD2.



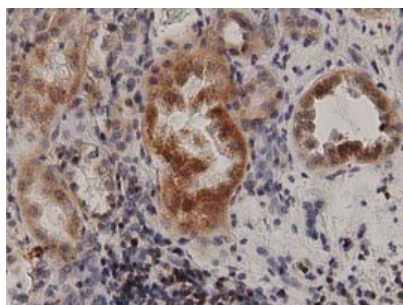
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-PRKD2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



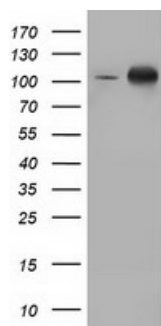
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PRKD2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



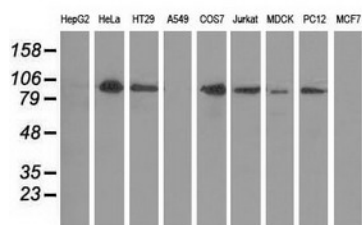
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-PRKD2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-PRKD2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PRKD2 (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-PRKD2.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PRKD2 monoclonal antibody.

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