

Anti-PKA R2 (PRKAR2A) Mouse Monoclonal Antibody [Clone ID: OTI5F1]

Catalog Number: M03911-3

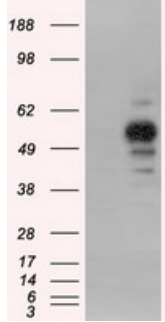
Overview

Product Name	Anti-PKA R2 (PRKAR2A) Mouse Monoclonal Antibody [Clone ID: OTI5F1]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-PRKAR2A (PKA R2) mouse monoclonal antibody, clone OTI5F1 (formerly 5F1). Catalog# M03911-3. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI5F1
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	P13861

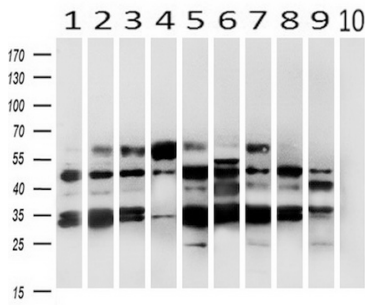
Technical Details

Immunogen	Full length human recombinant protein of human PRKAR2A (NP_004148) produced in HEK293T cell.
Isotype	IgG1
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:1000~2000 IHC 1:50 IF 1:100 Flow Cytometry 1:100

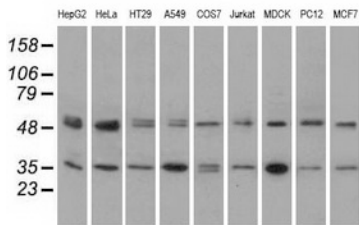
Anti-PRKAR2 (PRKAR2A) Mouse Monoclonal Antibody [Clone ID: OTI5F1] (M03911-3) Images



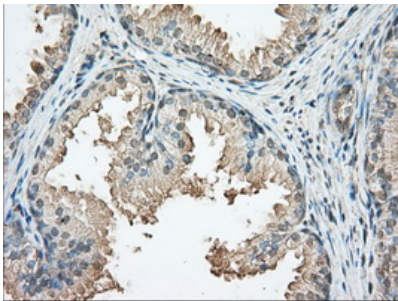
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PRKAR2A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PRKAR2A.



Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-PRKAR2A monoclonal antibody at 1:500 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).

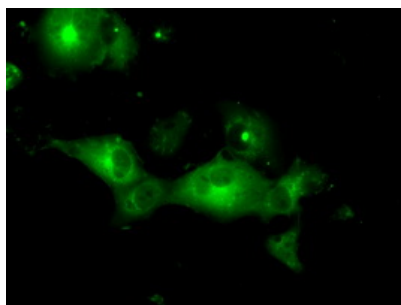
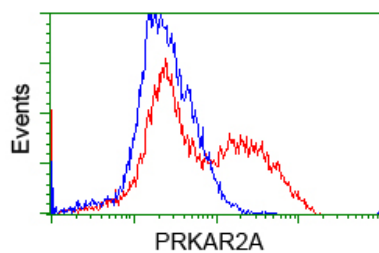


Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PRKAR2A monoclonal antibody.



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PRKAR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

HEK293T cells transfected with either PRKAR2A (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PRKAR2A antibody (M03911-3)



Anti-PRKAR2A mouse monoclonal antibody (M03911-3) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PRKAR2A.

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