

## Anti-PRKAR1B Mouse Monoclonal Antibody [Clone ID: OTI2A3]

Catalog Number: M07227

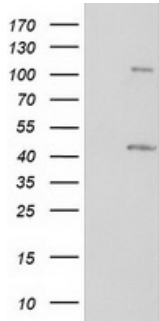
### Overview

Product Name	Anti-PRKAR1B Mouse Monoclonal Antibody [Clone ID: OTI2A3]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio PRKAR1B (PKA regulatory subunit I beta) mouse monoclonal antibody, clone OTI2A3 (formerly 2A3). Catalog# M07227. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI2A3
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	P31321

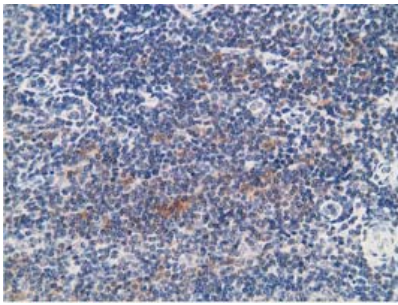
### Technical Details

Immunogen	Full length human recombinant protein of human PRKAR1B (NP_002726) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.57 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:2000 IHC: 1:150 IF: 1:100 Flow cytometry: 1:100

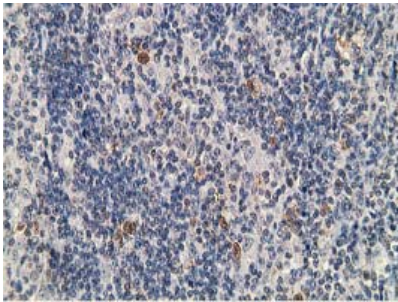
## Anti-PRKAR1B Mouse Monoclonal Antibody [Clone ID: OTI2A3] (M07227) Images



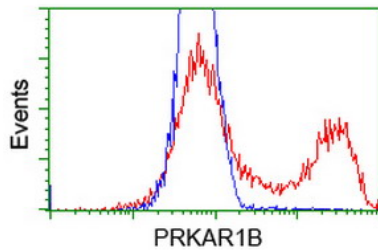
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PRKAR1B (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PRKAR1B.



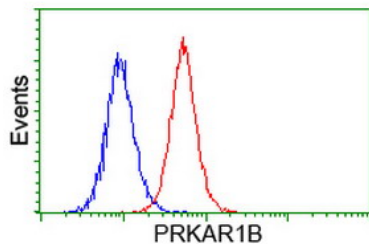
Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-PRKAR1B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



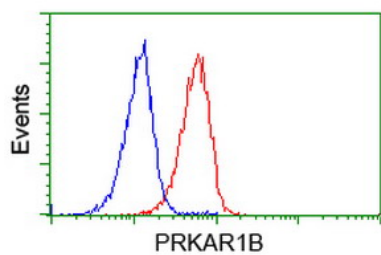
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-PRKAR1B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



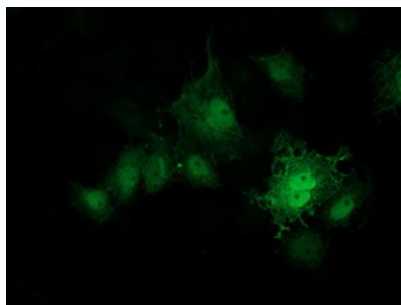
HEK293T cells transfected with either PRKAR1B (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PRKAR1B antibody (M07227)



Flow cytometric Analysis of HeLa cells



Flow cytometric Analysis of Jurkat cells



Anti-PRKAR1B mouse monoclonal antibody (M07227) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PRKAR1B.

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