

## Anti-PPP2R1B Antibody

Catalog Number: M05756

### About PPP2R1B

The PR65 subunit of protein phosphatase 2A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit.

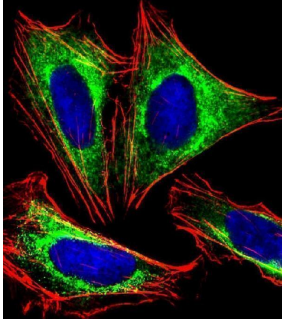
### Overview

Product Name	Anti-PPP2R1B Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PPP2R1B Antibody (Catalog # M05756). Tested in WB, Flow Cytometry, IHC-P, IF application(s). This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC-P, WB
Clonality	Monoclonal 1496CT356.164.25.226
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P30154

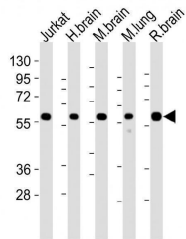
### Technical Details

Immunogen	This PPP2R1B antibody is generated from a mouse immunized with a recombinant protein of human PPP2R1B.
Predicted Reactive Species	Mouse
Isotype	IgG1, <sup>2</sup>
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	IF: 1:25 WB: 1:4000 IHC-P: 1:25 FC: 1:25

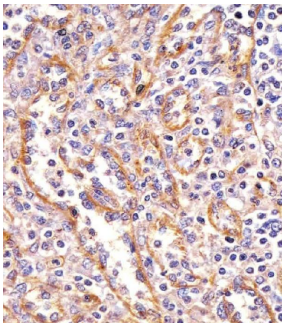
## Anti-PPP2R1B Antibody (M05756) Images



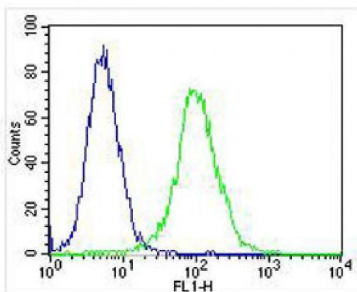
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-2 OS (human bone osteosarcoma cell line) cells labeling PPP2R1B with M05756 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on U-2 OS cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).



All lanes : Anti-PPP2R1B Antibody at 1:4000 dilution  
Lane 1: Jurkat whole cell lysates  
Lane 2: human brain lysates  
Lane 3: mouse brain lysates  
Lane 4: mouse lung lysates  
Lane 5: rat brain lysates  
Lysates/proteins at 20 ug per lane.  
Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution  
Predicted band size : 66 kDa  
Blocking/Dilution buffer: 5% NFD/MTBST.



M05756 staining PPP2R1B in human spleen sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing Jurkat cells stained with M05756 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M05756, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Mouse IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/400 dilution for 40 min at 37°C. Isotype control antibody (blue line) was mouse IgG1 (1g/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.

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Anti-PPP2R1B Antibody

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