

For Research Use Only

CAPZB Monoclonal antibody, PBS Only



Catalog Number: 68190-1-PBS

Basic Information

Catalog Number: 68190-1-PBS	GenBank Accession Number: BC109241	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 832	CloneNo.: 1F9G2
Source: Mouse	UNIPROT ID: P47756	
Isotype: IgG2a	Full Name: capping protein (actin filament) muscle Z-line, beta	
Immunogen Catalog Number: AG19373	Calculated MW: 277 aa, 31 kDa	
	Observed MW: 31 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
Human, mouse, rat

Storage

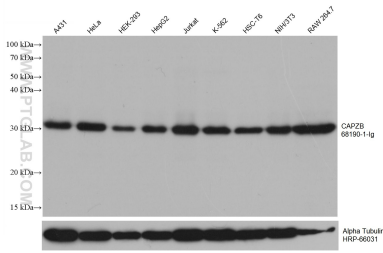
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

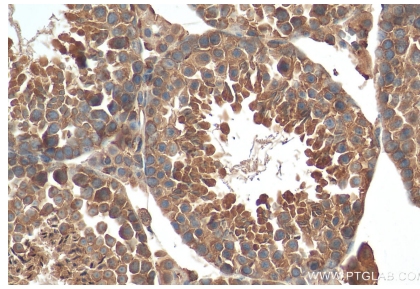
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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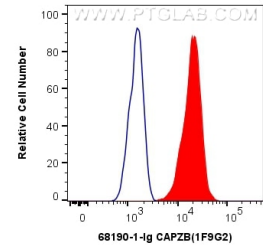
Selected Validation Data



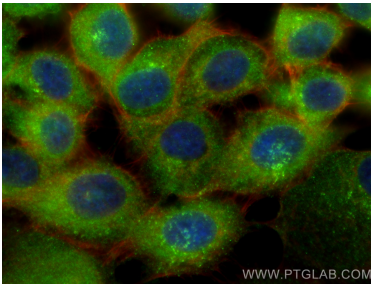
Various lysates were subjected to SDS PAGE followed by western blot with 68190-1-Ig (CAPZB antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68190-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 68190-1-Ig (CAPZB antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68190-1-PBS in a different storage buffer formulation.



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug Anti-Human CAPZB (68190-1-Ig, Clone:1F9G2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 68190-1-PBS in a



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using CAPZB antibody (68190-1-Ig, Clone: 1F9G2) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68190-1-PBS in a different storage buffer formulation.