BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Cyclophilin B Antibody

Catalog Number: M03229-3

About PPIB

PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

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Overview

Product Name	Anti-Cyclophilin B Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cyclophilin B Antibody (Catalog # M03229-3). Tested in WB, Flow Cytometry, IHC-P application(s). This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal 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	Rabbit
Uniprot ID	P23284

Technical Details

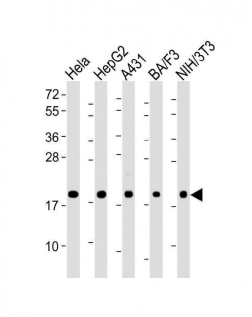
Immunogen	This Cyclophilin B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 161-195 amino acids from the human region of human Cyclophilin B.
Predicted Reactive Species	Mouse
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 IHC-P: 1:25

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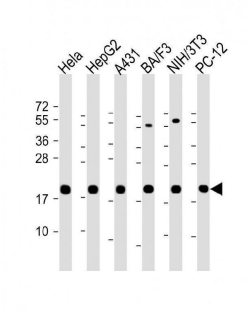
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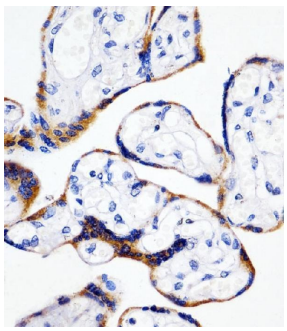
Anti-Cyclophilin B Antibody (M03229-3) Images



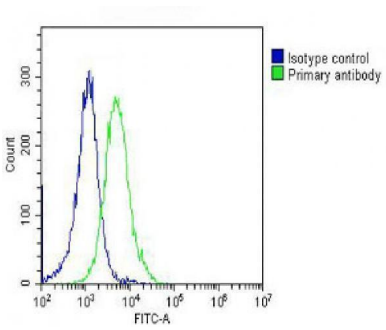
All lanes : Anti-Cyclophilin B Antibody at 1:2000 dilutionLane 1: Hela whole cell lysateLane 2: HepG2 whole cell lysateLane 3: A431 whole cell lysateLane 4: BA/F3 whole cell lysateLane 5: NIH/3T3 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 24 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



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M03229-3 staining Cyclophilin B in human placenta tissue 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 Hela cells stained with M03229-3 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M03229-3, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG (1g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

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