

Product Datasheet

Anti-PTPLB Antibody (orb1879071)

Description	Rabbit polyclonal antibody to PTPLB
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	FC, IH, WB
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-terminal region of human PTPLB. The exact sequence is proprietary.
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	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.
Note	For research use only
Clonality	Polyclonal
Antibody Type	Primary Antibody
Source	Rabbit
Uniprot ID	Q6Y1H2
Entrez	201562
Dilution Range	WB (1/500 - 1/1000), IH (1/50 - 1/200), FC (1/10 - 1/50)
Expiration Date	12 months from date of receipt.

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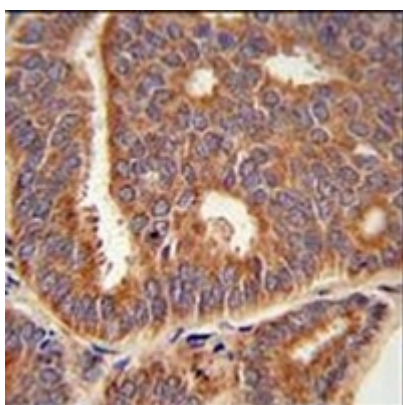
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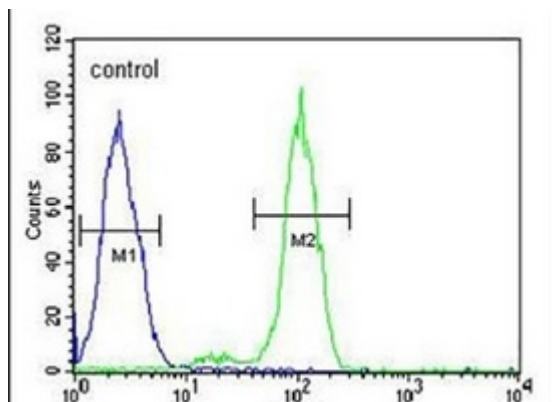
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Western blot analysis of PTPLB expression in MCF7 (A) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 24 kD)



Immunohistochemical analysis of PTPLB staining in human prostate carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of HeLa cells using Anti-PTPLB Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Rabbit IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.

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