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Product datasheet for CF505677

PARVB Mouse Monoclonal Antibody [Clone ID: OTI2B4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2B4
Applications:	WB
Recommended Dilution:	WB 1:4000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PARVB(NP_037459) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41.5 kDa
Gene Name:	parvin beta
Database Link:	NP_037459 Entrez Gene 170736 MouseEntrez Gene 362973 RatEntrez Gene 29780 Human Q9HBI1

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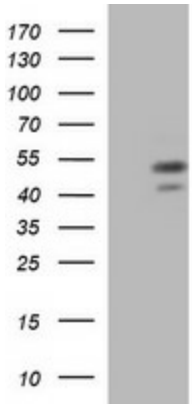
Background: This gene encodes a member of the parvin family of actin-binding proteins, which play a role in cytoskeleton organization and cell adhesion. These proteins are associated with focal contacts and contain calponin homology domains that bind to actin filaments. This family member binds to alphaPIX and alpha-actinin, and it can inhibit the activity of integrin-linked kinase. This protein also functions in tumor suppression. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2011]

Synonyms: CGI-56

Protein Pathways: Focal adhesion

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PARVB ([RC208490], 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-PARVB. Positive lysates [LY415629] (100ug) and [LC415629] (20ug) can be purchased separately from OriGene.

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