

For Research Use Only

Vinculin Recombinant monoclonal antibody, PBS Only

Catalog Number: 86930-1-PBS



Basic Information

Catalog Number:	86930-1-PBS	GenBank Accession Number:	BC039174	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	7414	CloneNo.:	251919D10
Source:	Rabbit	UNIPROT ID:	P18206		
Isotype:	IgG	Full Name:	vinculin		
Immunogen Catalog Number:	AG24942	Calculated MW:	1133 aa, 124 kDa		
		Observed MW:	124 kDa		

Applications

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

Species Specificity:
human, mouse, rat

Background Information

Vinculin belongs to the vinculin/alpha-catenin family. It is an actin filament (F-actin)-binding protein that is involved in cell-matrix adhesion and cell-cell adhesion. Vinculin regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. It may also play important roles in cell morphology and locomotion. Vinculin is a 117-kDa, 1,066-amino-acid protein that is ubiquitously expressed. Its splice variant, metavinculin (124 kDa), is a muscle-specific protein.

Storage

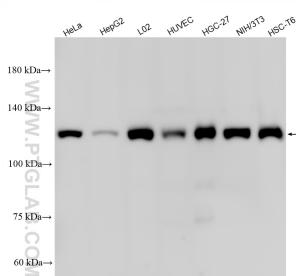
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

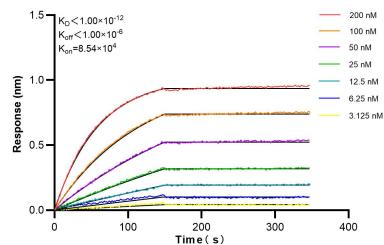
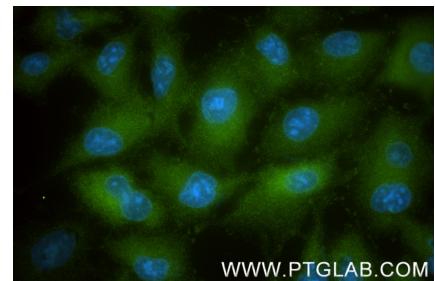
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86930-1-RR (Vinculin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86930-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86930-1-RR against Human Vinculin were performed. The affinity constant is below 1 pM.