

For Research Use Only

Vitronectin/S-protein Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87005-3-PBS



Basic Information

Catalog Number:	87005-3-PBS	GenBank Accession Number:	NM_000638.4	Purification Method:	Protein A purification
Source:	Rabbit	GeneID (NCBI):	7448	CloneNo.:	252166E4
Isotype:	IgG	UNIPROT ID:	P04004		
Immunogen Catalog Number:	EG4682	Full Name:	vitronectin		
		Calculated MW:	54 kDa		
		Observed MW:	70-75 kDa		

Applications

Tested Applications:
WB, Sandwich ELISA, Indirect ELISA

Species Specificity:
human, rat

Background Information

Vitronectin is a glycoprotein present in blood and in the extracellular matrix (PMID: 10399314). Vitronectin is a multifunctional glycoprotein that mediates cell-to-substrate adhesion, inhibits the cytolytic action of the terminal complement cascade in vitro and binds to several serine protease inhibitors of the serpin family (PMID: 1372588).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

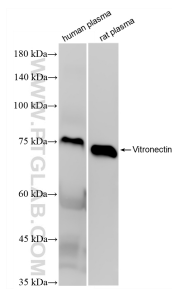
T: 4006900926

E: Proteintech-CN@ptglab.com

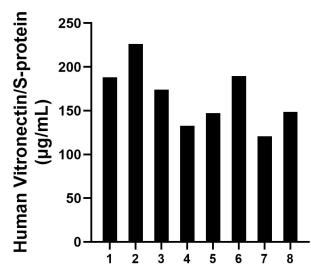
W: ptgcn.com

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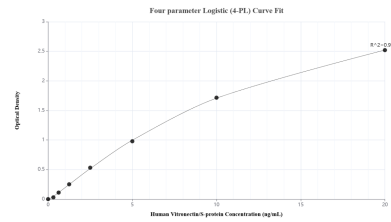
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87005-3-RR (Vitronectin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87005-3-PBS in a different storage buffer formulation.



Plasma of eight individual healthy human donors was measured. The Vitronectin/S-protein concentration of detected samples was determined to be 165.81 µg/mL with a range of 132.65-226.01 µg/mL.



Sandwich ELISA standard curve of MP02822-2, Human Vitronectin/S-protein Recombinant Matched Antibody Pair - PBS only. 87005-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4682. 87005-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL