

For Research Use Only

Mouse VEGFA Recombinant antibody, PBS Only (Detector)

Catalog Number: 84093-5-PBS



Basic Information

Catalog Number: 84093-5-PBS	GenBank Accession Number: NM_001287058	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 22339	CloneNo.: 241391F2
Source: Rabbit	UNIPROT ID: Q00731-3	
Isotype: IgG	Full Name: vascular endothelial growth factor A	
	Calculated MW: 17kd	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

84093-5-PBS targets VEGFA as part of a matched antibody pair:

MP00561-4: 84093-2-PBS capture and 84093-5-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

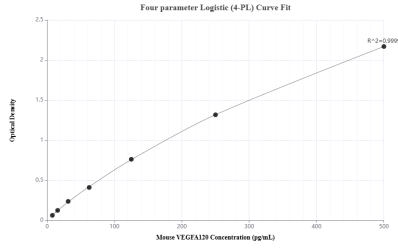
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

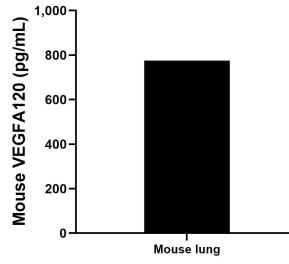
E: proteintech@ptglab.com
W: ptglab.com

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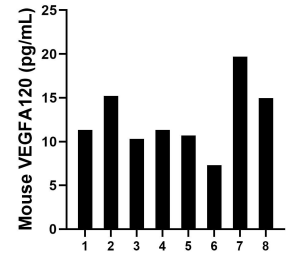
Selected Validation Data



Sandwich ELISA standard curve of MP00561-4, Mouse VEGF Recombinant Matched Antibody Pair - PBS only. 84093-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0278. 84093-5-PBS was HRP conjugated as the detection antibody. Range: 7.81-500 pg/mL



Mouse lung tissue was rinsed with 1X PBS to remove excess blood, homogenized in 20 mL of 1X PBS and stored overnight at ≤ -20 °C. Homogenates were thawed and centrifuged for 5 minutes at 5000 x g. Homogenates were assayed for mouse VEGF and measured 775.6 pg/mL based on a 1.8 mg/mL extract load.



Serum of eight mice was measured. The mouse VEGF concentration of detected samples was determined to be 12.6 pg/mL with a range of 7.3 - 19.7 pg/mL.