

For Research Use Only

# Mouse VEGFA Recombinant antibody, PBS Only (Capture)

Catalog Number: 84093-2-PBS



## Basic Information

<b>Catalog Number:</b> 84093-2-PBS	<b>GenBank Accession Number:</b> NM_001287058	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 22339	<b>CloneNo.:</b> 241391G1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q00731-3	
<b>Isotype:</b> IgG	<b>Full Name:</b> vascular endothelial growth factor A	
	<b>Calculated MW:</b> 17kd	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
mouse

## Product Information

84093-2-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

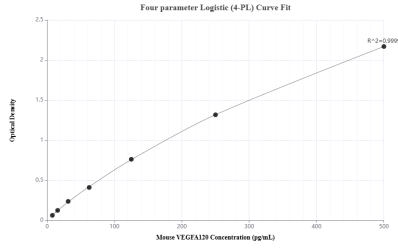
For technical support and original validation data for this product please contact:

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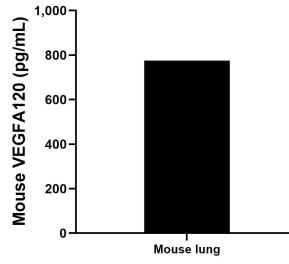
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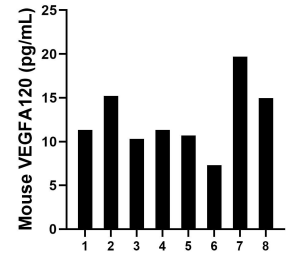
## Selected Validation Data



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 Ego278. 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  $\leq -20$  °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.