

For Research Use Only

# Rat VEGFR1/Flt-1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85761-3-PBS



## Basic Information

<b>Catalog Number:</b> 85761-3-PBS	<b>GenBank Accession Number:</b> GeneID (NCBI): 54251	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>UNIPROT ID:</b> P53767	<b>CloneNo.:</b> 242311H4
<b>Source:</b> Rabbit	<b>Full Name:</b> fms-related tyrosine kinase 1	
<b>Isotype:</b> IgG		
<b>Immunogen Catalog Number:</b> EG1167		

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
rat

## Product Information

85761-3-PBS targets VEGFR1/Flt-1 as part of a matched antibody pair:

MP02054-1: 85761-3-PBS capture and 85761-1-PBS detection (validated in Cytometric bead array)

MP02054-2: 85761-3-PBS capture and 85761-2-PBS detection (validated in Cytometric bead array)

MP02054-3: 85761-3-PBS capture and 85761-5-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, pH7.3

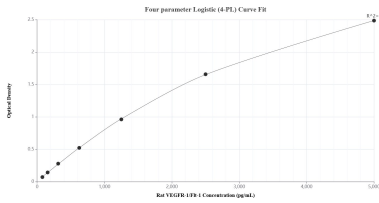
For technical support and original validation data for this product please contact:

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

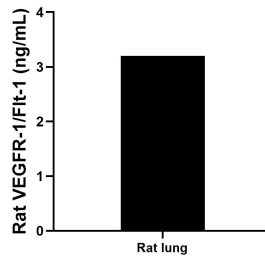
E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

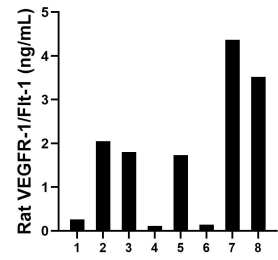
## Selected Validation Data



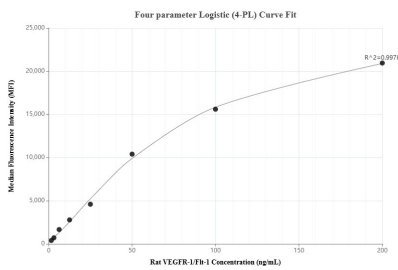
Sandwich ELISA standard curve of MP02054-3, Rat VEGFR-1/Flt-1 Recombinant Matched Antibody Pair - PBS only. 85761-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1167. 85761-5-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



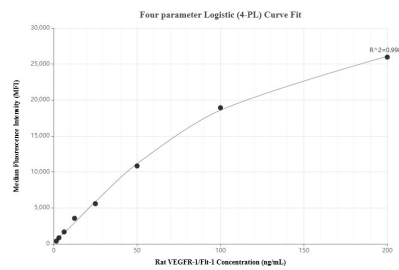
The mean VEGFR-1/Flt-1 concentration was determined to be 3.2 ng/mL in rat lung tissue extract based on a 1.2 mg/mL extract load.



Serum of eight rats was measured. The VEGFR-1/Flt-1 concentration of detected samples was determined to be 1.7 ng/mL with a range of 0.1-4.4 ng/mL.



Cytometric bead array standard curve of MP02054-2, RAT VEGFR-1/Flt-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85761-3-PBS. Detection antibody: 85761-2-PBS. Standard: Eg1167. Range: 1.563-200 ng/mL



Cytometric bead array standard curve of MP02054-1, RAT VEGFR-1/Flt-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85761-3-PBS. Detection antibody: 85761-1-PBS. Standard: Eg1167. Range: 1.563-200 ng/mL