

For Research Use Only

# Rat VEGFR-1/Flt-1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02054-3

## Capture Antibody Information

**Catalog Number:**  
85761-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242311H4  
**Reactivity:**  
rat  
**GenBank:**  
**Immunogen Catalog Number:**  
Eg1167

**Conjugate:**  
Unconjugated  
**Full name:**  
fms-related tyrosine kinase 1  
**Gene ID:**  
54251

## Detection Antibody Information

**Catalog Number:**  
85761-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242311B2  
**Reactivity:**  
rat  
**GenBank:**  
**Immunogen Catalog Number:**  
Eg1167

**Conjugate:**  
Unconjugated  
**Full name:**  
fms-related tyrosine kinase 1  
**Gene ID:**  
54251

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
78.1-5000 pg/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02054-3 targets VEGFR-1/Flt-1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat VEGFR1/Flt-1 Recombinant antibody, PBS Only (Capture) 85761-3-PBS (242311H4). 100 µg. Concentration 1 mg/mL.

Detection antibody: Rat VEGFR1/Flt-1 Recombinant antibody, PBS Only (Detector) 85761-5-PBS (242311B2). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## 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

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

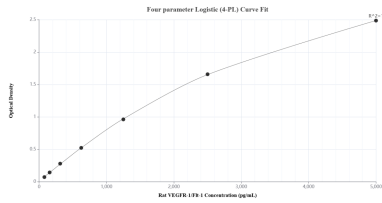
T: 4006900926

E: Proteintech-CN@ptglab.com

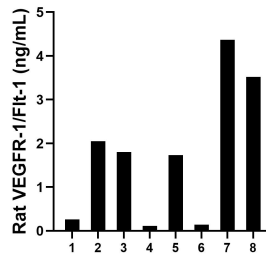
W: ptgcn.com

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

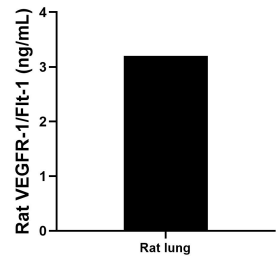
## Selected Validation Data



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



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



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.