

For Research Use Only

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

Catalog Number:85761-5-PBS



Basic Information

Catalog Number: 85761-5-PBS	GenBank Accession Number: GeneID (NCBI): 54251	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	UNIPROT ID: P53767	CloneNo.: 242311B2
Source: Rabbit	Full Name: fms-related tyrosine kinase 1	
Isotype: IgG		
Immunogen Catalog Number: EG1167		

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
rat

Product Information

85761-5-PBS targets VEGFR1/Flt-1 as part of a matched antibody pair:

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

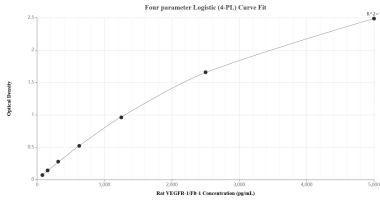
For technical support and original validation data for this product please contact:

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

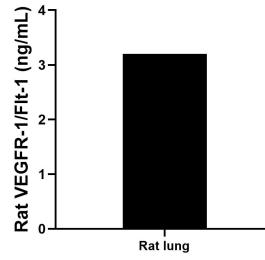
E: proteintech@ptglab.com
W: ptglab.com

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

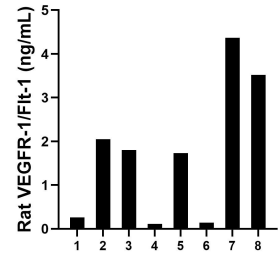
Selected Validation Data



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.