

For Research Use Only

# FLT4 Recombinant antibody, PBS Only (Detector)

Catalog Number: 85076-5-PBS



## Basic Information

<b>Catalog Number:</b> 85076-5-PBS	<b>GenBank Accession Number:</b> NM_182925	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2324	<b>CloneNo.:</b> 242430G11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P35916-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> fms-related tyrosine kinase 4	
	<b>Calculated MW:</b> 153kd	

## Applications

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

**Species Specificity:**  
human

## Product Information

85076-5-PBS targets FLT4 as part of a matched antibody pair:

MP00009-6: 85076-2-PBS capture and 85076-5-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

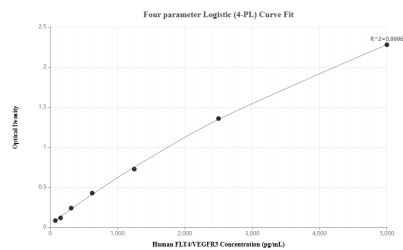
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

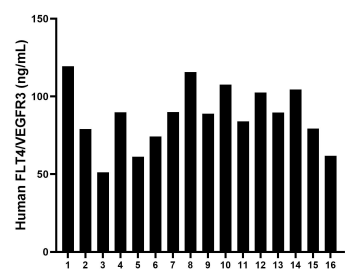
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

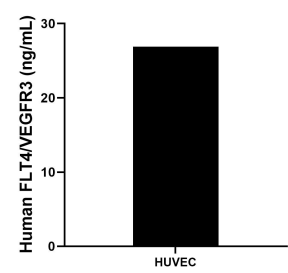
## Selected Validation Data



Sandwich ELISA standard curve of MP00009-6, Human FLT4/VEGFR3 Recombinant Matched Antibody Pair - PBS only. 85076-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2494. 85076-5-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of sixteen individual healthy human donors was measured. The human FLT4/VEGFR3 concentration of detected samples was determined to be 87.44 ng/mL with a range of 51.15 - 119.37 ng/mL



The mean FLT4/VEGFR3 concentration was determined to be 26.90 ng/mL in HUVEC cell extract based on a 1.1 mg/mL extract load.