

For Research Use Only

FLT4 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85076-2-PBS



Basic Information

Catalog Number: 85076-2-PBS	GenBank Accession Number: NM_182925	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2324	CloneNo.: 242430D2
Source: Rabbit	UNIPROT ID: P35916-1	
Isotype: IgG	Full Name: fms-related tyrosine kinase 4	
	Calculated MW: 153kd	

Applications

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

Species Specificity:
human

Product Information

85076-2-PBS targets FLT4 as part of a matched antibody pair:

MP00009-5: 85076-2-PBS capture and 85076-4-PBS detection (validated in Cytometric bead array)

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.

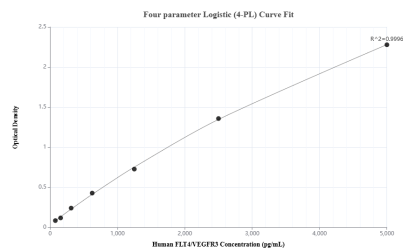
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

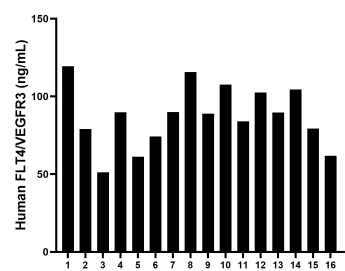
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

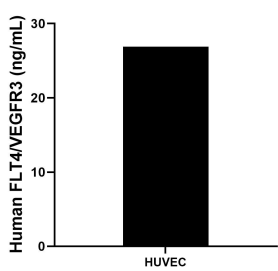
Selected Validation Data



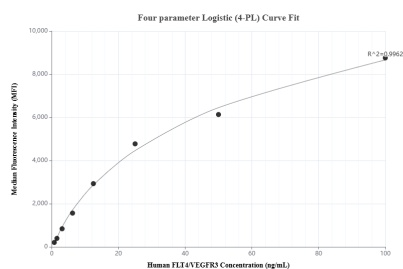
Sandwich ELISA standard curve of MP00009-6, Human FLT4/VEGFR3 Recombinant Matched Antibody Pair - PBS only. 85076-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2494. 85076-5-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



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.



Cytometric bead array standard curve of MP00009-5, FLT4/VEGFR3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85076-2-PBS. Detection antibody: 85076-4-PBS. Standard: Eg2494. Range: 0.781-100 ng/mL