

For Research Use Only

Mouse Flt-4 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:87120-1-PBS



Basic Information

Catalog Number: 87120-1-PBS	GenBank Accession Number: NM_008029.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 14257	CloneNo.: 252201C3
Source: Rabbit	UNIPROT ID: P35917	
Isotype: IgG	Full Name: FMS-like tyrosine kinase 4	
Immunogen Catalog Number: EG6355	Calculated MW: 153 kDa	

Applications

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

Species Specificity:
mouse

Product Information

87120-1-PBS targets Flt-4 as part of a matched antibody pair:

MP02875-1: 87120-2-PBS capture and 87120-1-PBS detection (validated in Cytometric bead array)

MP02875-2: 87120-4-PBS capture and 87120-1-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:

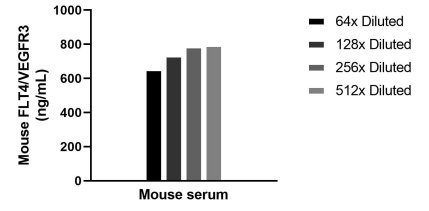
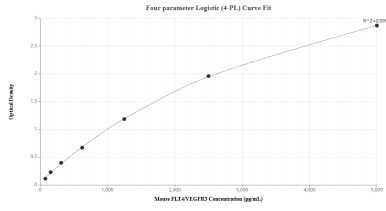
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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.

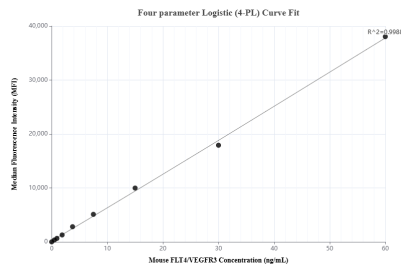
Selected Validation Data

Serum of six mice was measured. The FLT4/VEGFR3 concentration of detected samples was determined to be 237.13 ng/mL with a range of 150.43 - 306.87 ng/mL.



Sandwich ELISA standard curve of MP02875-2, Mouse FLT4/VEGFR3 Recombinant Matched Antibody Pair - PBS only. 87120-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6355. 87120-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL

The mean FLT4/VEGFR3 concentration was determined to be 741.1 ng/mL in mouse serum.



Cytometric bead array standard curve of MP02875-1, MOUSE FLT4/VEGFR3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87120-2-PBS. Detection antibody: 87120-1-PBS. Standard: Eg6355. Range: 0.469-60 ng/mL