

For Research Use Only

C-Kit Recombinant antibody, PBS Only (Detector)

Catalog Number: 84259-6-PBS



Basic Information

Catalog Number: 84259-6-PBS	GenBank Accession Number: BC071593	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3815	CloneNo.: 241313D1
Source: Rabbit	UNIPROT ID: P10721	
Isotype: IgG	Full Name: v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	
	Calculated MW: 976 aa, 110 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84259-6-PBS targets C-Kit as part of a matched antibody pair:

MP01171-4: 84259-8-PBS capture and 84259-6-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.

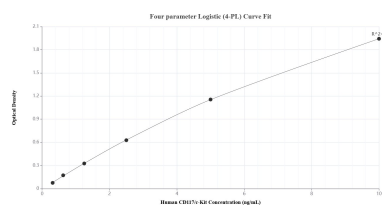
Storage

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

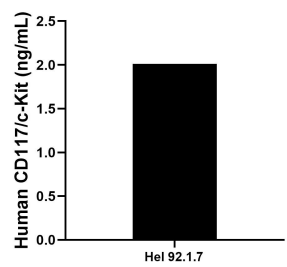
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

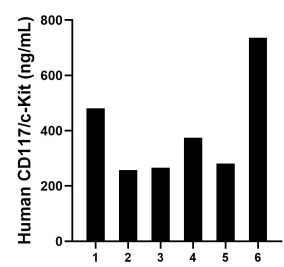
Selected Validation Data



Sandwich ELISA standard curve of MP01171-4, Human CD117/c-Kit Recombinant Matched Antibody Pair - PBS only. 84259-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP02323. 84259-6-PBS was HRP conjugated as the detection antibody. Range: 0.313-10 ng/mL



Hel 92.1.7 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human CD117/c-Kit, and measured 2.01 ng/mL



Serum of six individual healthy human donors was measured. The CD117/c-Kit concentration of detected samples was determined to be 399.22 ng/mL with a range of 257.05-736.28 ng/mL