

For Research Use Only

FCAR Recombinant antibody, PBS Only (Detector)

Catalog Number: 84384-1-PBS



Basic Information

Catalog Number: 84384-1-PBS	GenBank Accession Number: BC027953	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2204	CloneNo.: 241425B2
Source: Rabbit	UNIPROT ID: P24071	
Isotype: IgG	Full Name: Fc fragment of IgA, receptor for	
	Calculated MW: 287 aa, 32 kDa	

Applications

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

Species Specificity:
human

Product Information

84384-1-PBS targets FCAR as part of a matched antibody pair:

MP01257-2: 84384-3-PBS capture and 84384-1-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP01257-3: 84384-4-PBS capture and 84384-1-PBS detection (validated in Cytometric bead array)

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

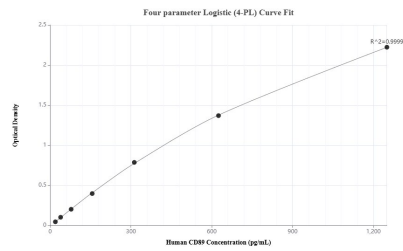
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

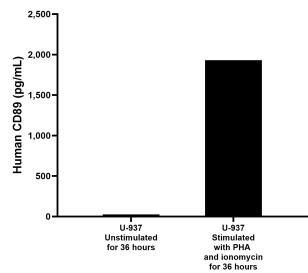
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

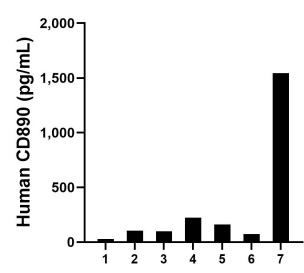
Selected Validation Data



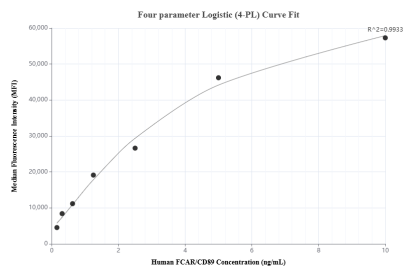
Sandwich ELISA standard curve of MP01257-2, Human CD89 Recombinant Matched Antibody Pair - PBS only. 84384-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP02338. 84384-1-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



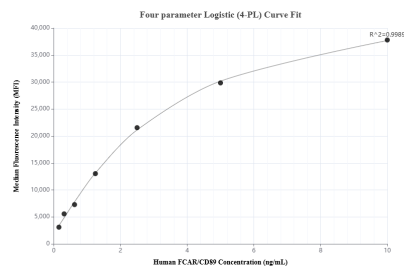
U-937 cells were cultured unstimulated or stimulated with 10 µg/mL PHA and 1 µg/ml Ionomycin for 36 hours. The mean CD89 concentration was determined to be 25.5 pg/mL in unstimulated U-937 supernatant, 1,931.0 pg/mL in stimulated U-937 supernatant.



Serum of seven individual healthy human donors was measured. The human CD89 concentration of detected samples was determined to be 319.2 pg/mL with a range of 27.5 - 1,544.1 pg/mL



Cytometric bead array standard curve of MP01257-2, CD89 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84384-3-PBS. Detection antibody: 84384-1-PBS. Standard: RP02338. Range: 0.156-10 ng/mL



Cytometric bead array standard curve of MP01257-3, CD89 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84384-4-PBS. Detection antibody: 84384-1-PBS. Standard: RP02338. Range: 0.156-10 ng/mL