

For Research Use Only

ART4 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 66949-2-PBS



Basic Information

Catalog Number: 66949-2-PBS	GenBank Accession Number: BC074727	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 420	CloneNo.: 1E10F1
Source: Mouse	UNIPROT ID: Q93070	
Isotype: IgG1	Full Name: ADP-ribosyltransferase 4 (Dombrock blood group)	
Immunogen Catalog Number: AG28173	Calculated MW: 314 aa, 36 kDa	

Applications

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

Species Specificity:
human

Product Information

66949-2-PBS targets ART4 as part of a matched antibody pair:

MP50324-1: 66949-2-PBS capture and 66949-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

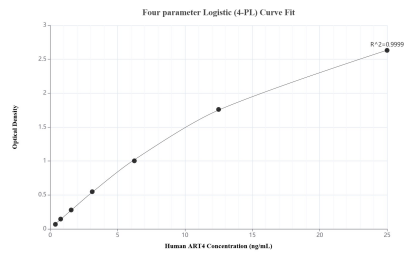
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

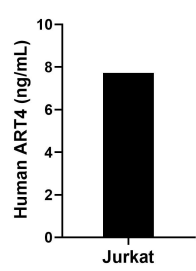
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

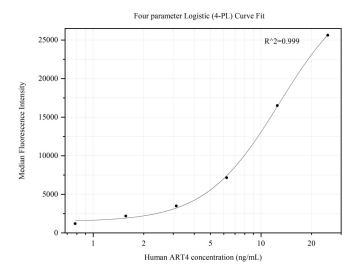
Selected Validation Data



Sandwich ELISA standard curve of MP50324-1, Human ART4 Monoclonal Matched Antibody Pair - PBS only. 66949-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag28173. 66949-3-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean ART4 concentration was determined to be 7.72 ng/mL in Jurkat cell extract based on a 1.90 mg/mL extract load.



Cytometric bead array standard curve of MP50324-1, ART4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66949-2-PBS. Detection antibody: 66949-3-PBS. Standard: Ag28173. Range: 0.781-25 ng/mL