

For Research Use Only

Mouse EpCAM/TROP1 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84490-3-PBS



Basic Information

Catalog Number: 84490-3-PBS	GenBank Accession Number: NM_008532.2	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 17075	CloneNo.: 241851F8
Source: Rabbit	UNIPROT ID: Q99JW5	
Isotype: IgG	Full Name: epithelial cell adhesion molecule	
Immunogen Catalog Number: EG1883	Calculated MW: 35 kDa	

Applications

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

Species Specificity:
mouse

Product Information

84490-3-PBS targets EpCAM/TROP1 as part of a matched antibody pair:

MP01344-1: 84490-2-PBS capture and 84490-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP01344-3: 84490-3-PBS capture and 84490-1-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

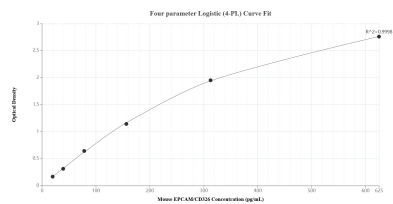
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

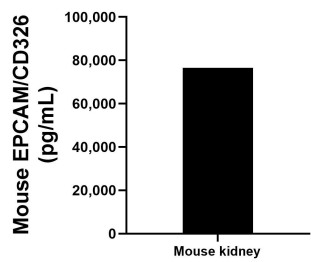
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

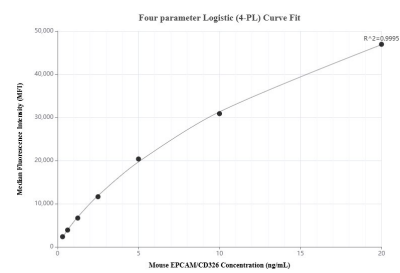
Selected Validation Data



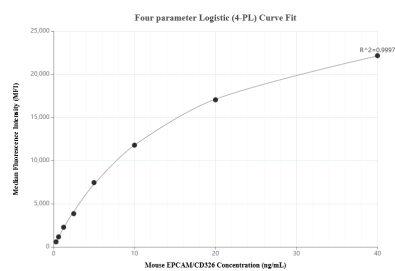
Sandwich ELISA standard curve of MP01344-1, Mouse EPCAM/CD326 Recombinant Matched Antibody Pair - PBS only. 84490-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1883. 84490-3-PBS was HRP conjugated as the detection antibody. Range: 19.5-625 pg/mL



The mean EPCAM/CD326 concentration was determined to be 76,517.6 pg/mL in mouse kidney tissue extract based on a 3.1 mg/mL extract load.



Cytometric bead array standard curve of MP01344-1, MOUSE EPCAM/CD326 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84490-2-PBS. Detection antibody: 84490-3-PBS. Standard: Eg1883. Range: 0.313-20 ng/mL



Cytometric bead array standard curve of MP01344-3, MOUSE EPCAM/CD326 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84490-3-PBS. Detection antibody: 84490-1-PBS. Standard: Eg1883. Range: 0.313-40 ng/mL