

For Research Use Only

MAEA Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83267-3-PBS



Basic Information

Catalog Number: 83267-3-PBS	GenBank Accession Number: BC001225	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 10296	CloneNo.: 240097C4
Source: Rabbit	UNIPROT ID: Q7L5Y9	Affinity: $K_D < 1.00 \times 10^{-12} M$
Isotype: IgG	Full Name: macrophage erythroblast attacher	$K_{off} < 1.00 \times 10^{-6} M$
Immunogen Catalog Number: AG27150	Calculated MW: 45 kDa	$K_{on} = 6.18 \times 10^4 M$

Applications

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

Species Specificity:
human

Product Information

83267-3-PBS targets MAEA as part of a matched antibody pair:

MP00233-1: 83267-1-PBS capture and 83267-3-PBS detection (validated in Cytometric bead array)

MP00233-4: 83267-3-PBS capture and 83267-4-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.

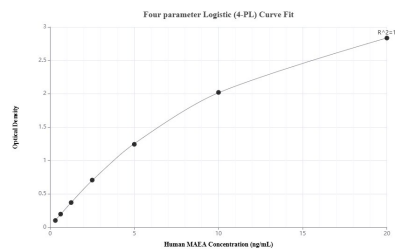
Storage

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

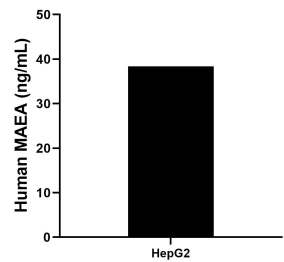
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

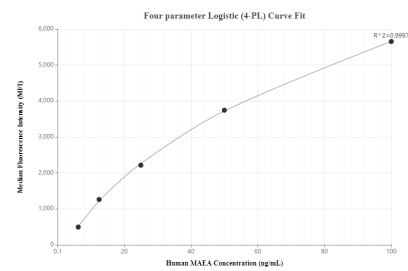
Selected Validation Data



Sandwich ELISA standard curve of MP00233-4, Human MAEA Recombinant Matched Antibody Pair - PBS only. 83267-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag27150. 83267-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean MAEA concentration was determined to be 38.39 ng/mL in HepG2 cell extract based on a 1.0 mg/mL extract load.



Cytometric bead array standard curve of MP00233-1, MAEA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83267-1-PBS. Detection antibody: 83267-3-PBS. Standard: Ag27150. Range: 2.5-100 ng/mL