

For Research Use Only

MAGEA3 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83480-6-PBS



Basic Information

Catalog Number: 83480-6-PBS	GenBank Accession Number: BC000340	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4102	CloneNo.: 240435F6
Source: Rabbit	UNIPROT ID: P43357	
Isotype: IgG	Full Name: melanoma antigen family A, 3	
Immunogen Catalog Number: AG0265	Calculated MW: 314 aa, 35 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83480-6-PBS targets MAGEA3 as part of a matched antibody pair:

MP00467-4: 83480-6-PBS capture and 83480-3-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.

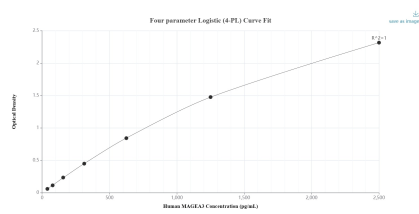
Storage

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

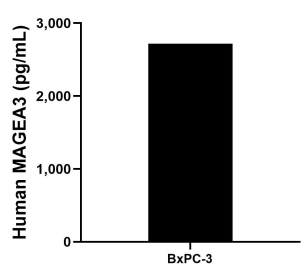
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

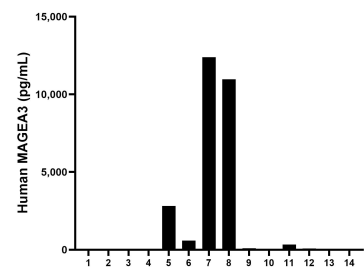
Selected Validation Data



Sandwich ELISA standard curve of MP00467-4, Human MAGEA3 Recombinant Matched Antibody Pair - PBS only. 83480-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0265. 83480-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



The mean MAGEA3 concentration was determined to be 2,719.3 pg/mL in BxPC-3 cell extract based on a 5.4 mg/mL extract load.



Serum of fourteen individual healthy human donors was measured. The MAGEA3 concentration of detected samples was determined to be 1,950.7 pg/mL with a range of ND - 12,398.4 pg/mL.