

For Research Use Only

Alpha-1-microglobulin Recombinant antibody, PBS Only (Capture)

Catalog Number: 83678-2-PBS



Basic Information

Catalog Number: 83678-2-PBS	GenBank Accession Number: NM_001633.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 259	CloneNo.: 240751G12
Source: Rabbit	UNIPROT ID: P02760	
Isotype: IgG	Full Name: alpha-1-microglobulin/bikunin precursor	
	Calculated MW: 39kDa	

Applications

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

Species Specificity:
human

Product Information

83678-2-PBS targets Alpha-1-microglobulin as part of a matched antibody pair:

MP00658-1: 83678-2-PBS capture and 83678-1-PBS detection (validated in Cytometric bead array)

MP00658-2: 83678-2-PBS capture and 83678-4-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

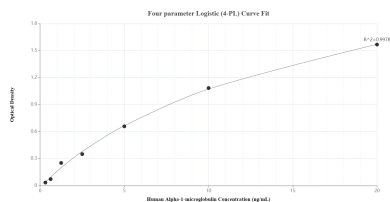
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

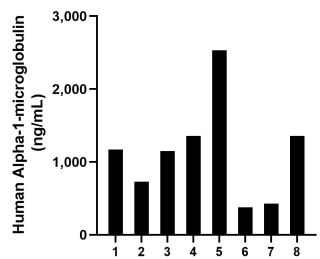
E: proteintech@ptglab.com
W: ptglab.com

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

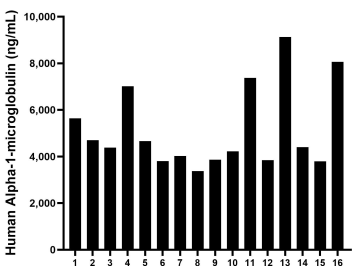
Selected Validation Data



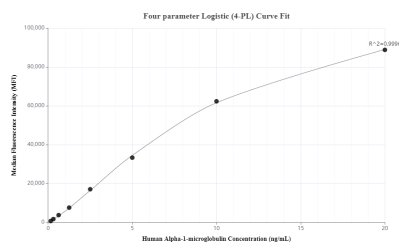
Sandwich ELISA standard curve of MP00658-2, Human Alpha-1-microglobulin Recombinant Matched Antibody Pair - PBS only. 83678-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1127. 83678-4-PBS was HRP conjugated as the detection antibody. Range: 0.31-20 ng/mL



Urine of eight individual healthy human donors was measured. The Alpha-1-microglobulin concentration of detected samples was determined to be 1,137.8 ng/mL with a range of 377.6 - 2,533.2 ng/mL



Serum of sixteen individual healthy human donors was measured. The Alpha-1-microglobulin concentration of detected samples was determined to be 5,141.28 ng/mL with a range of 3,368.97 - 9,130.33 ng/mL



Cytometric bead array standard curve of MP00658-1, Alpha-1-microglobulin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83678-2-PBS. Detection antibody: 83678-1-PBS. Standard: Eg1127. Range: 0.156-20 ng/mL