For Research Use Only

Complement component C7/C7 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number:84263-4-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
84263-4-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_000587.4

GeneID (NCBI):
730

UNIPROT ID:
P10643

Full Name:
complement component 7

Calculated MW:
94kDa

Purification Method:
Protein A purification

CloneNo.:
241551B8

Applications

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

Species Specificity:
human

Product Information

84263-4-PBS targets Complement component C7/C7 as part of a matched antibody pair:

MP01179-3: 84263-4-PBS capture and 84263-2-PBS detection (validated in Cytometric bead array)

MP01179-4: 84263-2-PBS capture and 84263-4-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.

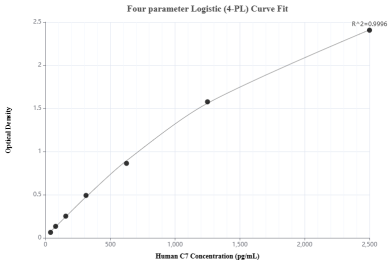
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

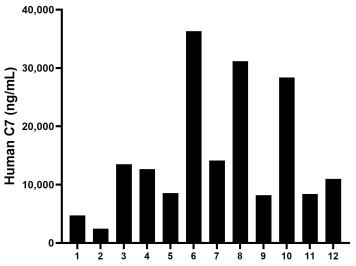
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

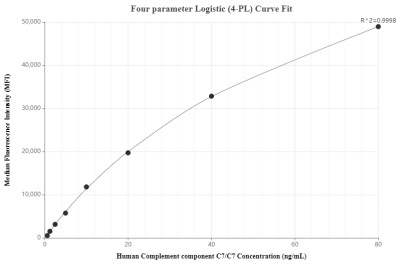
Selected Validation Data



Sandwich ELISA standard curve of MP01179-4, Human C7 Recombinant Matched Antibody Pair - PBS only. 84263-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1202. 84263-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of twelve individual healthy human donors was measured. The human C7 concentration of detected samples was determined to be 14,954.75 ng/mL with a range of 2,439.43 - 36,317.82 ng/mL.



Cytometric bead array standard curve of MP01179-3, C7 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84263-4-PBS. Detection antibody: 84263-2-PBS. Standard: Eg1202. Range: 0.625-80 ng/mL.