

For Research Use Only

C7 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84263-5-PBS



Basic Information

Catalog Number:

84263-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000587.4

GeneID (NCBI):

730

UNIPROT ID:

P10643

Full Name:

complement component 7

Calculated MW:

94kDa

Observed MW:

105 kDa

Purification Method:

Protein A purification

CloneNo.:

241551D6

Applications

Tested Applications:

WB, Cytometric bead array, Indirect ELISA

Species Specificity:

human

Background Information

C7, a single-chain plasma glycoprotein, is a component of the complement system. It is also a constituent of the membrane attack complex (MAC), which plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. C7 serves as a membrane anchor. People with C7 deficiency are prone to bacterial infection.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

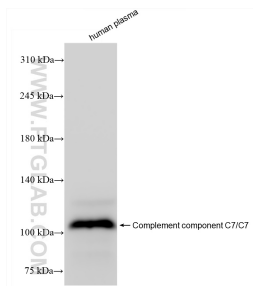
T: 4006900926

E: Proteintech-CN@ptglab.com

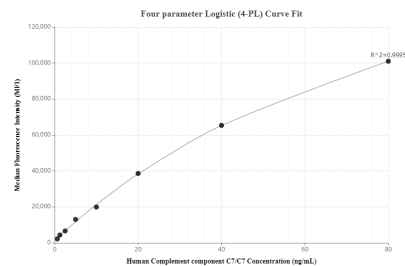
W: ptgcn.com

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

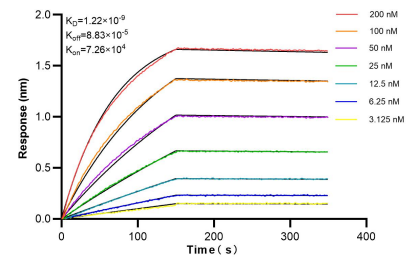
Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 84263-5-RR (C7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84263-5-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01179-1, C7 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84263-1-PBS. Detection antibody: 84263-5-PBS. Standard: Eg1202. Range: 0.625-80 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 84263-5-RR against Human C7 were performed. The affinity constant is 1.22 nM.