

For Research Use Only

# C7 Recombinant antibody

Catalog Number: 84263-5-RR



## Basic Information

Catalog Number:

84263-5-RR

Size:

1000 µg/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

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human plasma,

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

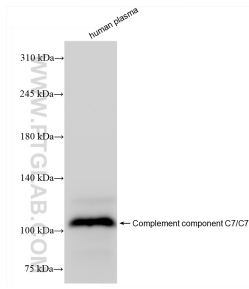
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

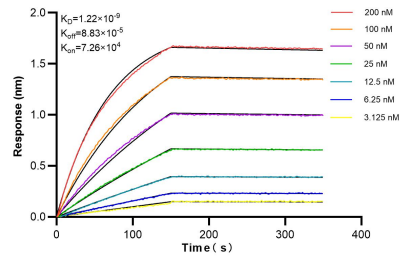
W: [ptgcn.com](http://ptgcn.com)

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## 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.



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