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**Product Name: C4 binding protein (14B18) Rabbit Monoclonal Antibody****Catalog #: AMRe07750**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,IP
<b>Reactivity</b>	Human,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ICC/IF 1:100-1:200,IP 1:50-1:100
<b>Molecular Weight</b>	28kDa

**Antigen Information**

<b>Gene Name</b>	C4BPB
<b>Alternative Names</b>	C4BP; C4BPB; PRP;
<b>Gene ID</b>	725.0
<b>SwissProt ID</b>	P20851
<b>Immunogen</b>	Recombinant protein of human C4 binding protein

**Background**

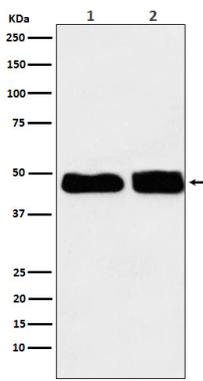
Controls the classical pathway of complement activation. It binds as a cofactor to C3b/C4b inactivator (C3bINA), which then

hydrolyzes the complement fragment C4b. Controls the classical pathway of complement activation. It binds as a cofactor to C3b/C4b inactivator (C3bINA), which then hydrolyzes the complement fragment C4b. It also accelerates the degradation of the C4bC2a complex (C3 convertase) by dissociating the complement fragment C2a. It also interacts with anticoagulant protein S and with serum amyloid P component. The beta chain binds protein S.

## Research Area

Immunology

## Image Data



Western blot analysis of C4 binding protein expression in (1) Human plasma lysate; (2) Rat plasma lysate.