

# C4 Binding Protein Rabbit mAb

Catalog # AP78003

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC, IP
<b>Primary Accession</b>	<a href="#">P20851</a>
<b>Reactivity</b>	Rat, Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human C4 binding protein
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	28357

## Additional Information

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<b>Gene ID</b>	725
<b>Other Names</b>	C4BPB
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A IP~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

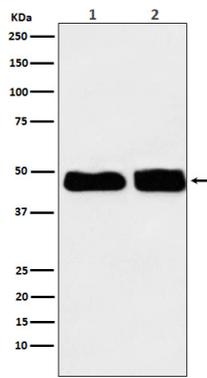
## Protein Information

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<b>Name</b>	C4BPB
<b>Function</b>	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.
<b>Cellular Location</b>	Secreted.

## Images

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