

KD-Validated Anti-C4BPB Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1018

Product Information

Application	WB, ICC
Primary Accession	P20851
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB5940
Calculated MW	28357
Gene Name	C4BPB
Aliases	C4BPB; Complement Component 4 Binding Protein Beta; C4b-Binding Protein Beta Chain; C4BP; Complement Component 4 Binding Protein, Beta Chain; Complement Component 4-Binding Protein, Beta; C4b Binding Protein, Beta Chain
Immunogen	A synthesized peptide derived from human C4 binding protein

Additional Information

Gene ID	725
Other Names	C4b-binding protein beta chain, C4BPB

Protein Information

Name	C4BPB
Function	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.
Cellular Location	Secreted.

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