



C4BPB mouse mAb

Catalog No	YP-mAb-18059
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	C4BPB
Immunogen	Synthesized peptide derived from human C4BPB
Specificity	This antibody detects endogenous levels of C4BPB at Human,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C4BP;C4b-binding protein beta chain;C4b binding protein beta chain;C4BPB
Observed Band	45 kDa
Calculated Molecular Weight	251 aa, 28 kDa
Cell Pathway	Secreted.
Tissue Specificity	
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.
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images