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## Datasheet for ABIN1386781 anti-Complement Factor B antibody (AA 301-400)



Overview

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Images

Quantity:	100 µL
Target:	Complement Factor B (CFB)
Binding Specificity:	AA 301-400
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Complement Factor B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Complement factor-B Bb fragment
Isotype:	lgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by Protein A.
Target Details	
Target:	Complement Factor B (CFB)

Alternative Name:	Factor B (CFB Products)
Background:	Synonyms: BF, FB, BFD, GBG, CFAB, CFBD, PBF2, AHUS4, FBI12, H2-Bf, ARMD14, Complement

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### Target Details

	factor B, C3/C5 convertase, Glycine-rich beta glycoprotein, Properdin factor B, CFB
	Background: Factor B which is part of the alternate pathway of the complement system is
	cleaved by factor D into 2 fragments: Ba and Bb. Bb, a serine protease, then combines with
	complement factor 3b to generate the C3 or C5 convertase. It has also been implicated in
	proliferation and differentiation of preactivated B-lymphocytes, rapid spreading of peripheral
	blood monocytes, stimulation of lymphocyte blastogenesis and lysis of erythrocytes. Ba inhibits
	the proliferation of preactivated B-lymphocytes.
Gene ID:	629
UniProt:	P00751
Pathways:	Complement System, Proton Transport, Ribonucleoside Biosynthetic Process
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400

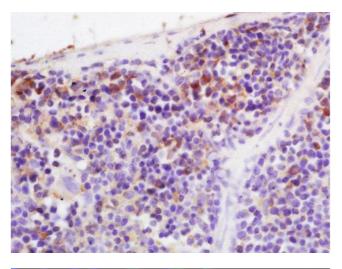
Restrictions: For Research Use only

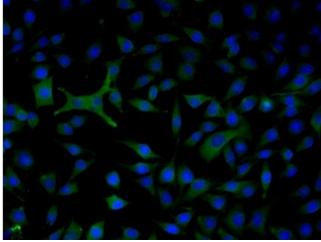
IF(IHC-P) 1:50-200

### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin embedded mouse spleen labeled with Anti-Factor B P Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

#### Immunofluorescence (Cultured Cells)

**Image 2.** Image obtained from One World Lab validations program. SMMC-7721 cells were stained with Factor B Polyclonal Antibody, Unconjugated at 1:100 in PBS and incubated for one hour at room temperature, followed by secondary antibody incubation, DAPI staining of the nuclei and detection.

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