RecomAb™

C4BPB recombinant monoclonal antibody, clone R02-8F3

Catalog # RAB06005 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human C4BPB.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human C4BPB.
Theoretical MW (kDa)	Calculated MW: 28 kD
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunofluorescence (1/50-1/200) Immunohistochemistry (1/50-1/100) Immunoprecipitation (1/20) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Immunofluorescence
- Immunoprecipitation
- Western Blot

Gene Info — C4BPB

Entrez GeneID	725
Protein Accession#	P20851
Gene Name	C4BPB
Gene Alias	C4BP
Gene Description	complement component 4 binding protein, beta
Omim ID	120831
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of a superfamily of proteins composed predominantly of tandemly arrayed short consensus repeats of approximately 60 amino acids. A single, unique beta-chain e ncoded by this gene assembles with seven identical alpha-chains into the predominant isoform of C4b-binding protein, a multimeric protein that controls activation of the complement cascade thro ugh the classical pathway. C4b-binding protein has a regulatory role in the coagulation system als o, mediated through the beta-chain binding of protein S, a vitamin K-dependent protein that serve s as a cofactor of activated protein C. The genes encoding both alpha and beta chains are locate d adjacent to each other on human chromosome 1 in the regulator of complement activation gene cluster. Alternative splicing gives rise to multiple transcript variants. [provided by RefSeq
Other Designations	C4b binding protein, beta chain|OTTHUMP00000034288|OTTHUMP00000034289|OTTHUMP00000034375|complement component 4 binding protein, beta chain|complement component 4-binding protein, beta

Pathway

- Complement and coagulation cascades

Disease

- Birth Weight

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Leukemia
- Lymphoma
- Macular Degeneration
- Meningeal Neoplasms
- Meningioma
- Tobacco Use Disorder
- Venous Thrombosis

Copyright © 2023 Abnova Corporation. All Rights Reserved.