

Complement C3 β - chain Antibody

Catalog No: #48060

Package Size: #48060-1 50ul #48060-2 100ul

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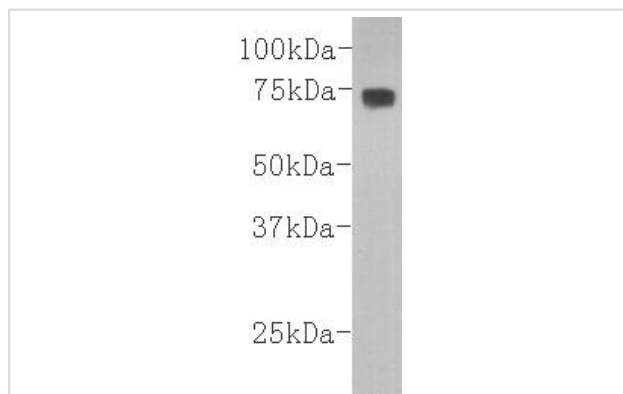
Description

Product Name	Complement C3 β - chain Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	MR4562
Purification	ProA affinity purified
Applications	WB, ICC, FC
Species Reactivity	Hu
Immunogen Description	peptide
Conjugates	Unconjugated
Other Names	Acylation-stimulating protein cleavage product antibody AHUS5 antibody ARMD9 antibody ASP antibody C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1 antibody C3 antibody CO3_HUMAN antibody Complement C3 antibody Complement C3 beta chain antibody Complement C3c alpha' chain fragment 2 antibody Complement component 3 antibody Complement component C3 antibody Complement factor 3 antibody CPAMD1 antibody Plp antibody
Accession No.	Swiss-Prot#:P01024
Calculated MW	70kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:2,000

Images



Western blot analysis on human plasma lysates using anti-C3(β -chain) Mouse mAb (Cat. # M0809-14).

Background

Human Complement C3 (C3) is synthesized as a single-chain pro-molecule (185 kDa) that undergoes several posttranslational modifications. Before

being a mature protein, C3 is split into beta-chain (70 kDa) and alpha chain (115 kDa) and forms a rare internal thioester bond. C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.