

Datasheet for ABIN1112803
anti-Complement C3b antibody



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1 Image

Overview

Quantity:	100 µg
Target:	Complement C3b (C3b)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Complement C3b antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to the region of human Complement C3-beta chain.
Clone:	S8-6
Isotype:	IgG2b

Target Details

Target:	Complement C3b (C3b)
Alternative Name:	Complement C3-beta Chain (C3b Products)
Background:	Complement component 3, often simply called C3, is a member of the complement system. The complement system is an important mediator of natural and acquired immunity. It consists of approximately 30 proteins that can exhibit catalytic activity, function as regulators, or act as cellular surface receptors. These components normally circulate in inactive forms and are

Target Details

activated by the classical, alternative, or lectin pathways. Complement component 3 plays a central role in all 3 activation pathways. People with C3 deficiency are susceptible to bacterial infection. Clinically, the Level of C3 in the blood may be measured to support or refute a particular medical diagnosis. For example, low C3 levels are associated with some types of kidney disease such as post-infectious glomerulonephritis and shunt nephritis.

Pathways: [Complement System](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: WB (1:2000). Other applications have not been tested. The optimal dilutions should be determined by end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: TBS (pH7.4), 0.5% BSA, 40% Glycerol and 0.05% Sodium Azide.

Preservative: Sodium azide, Thimerosal (Merthiolate)

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C after thawing (1 week). Aliquot and store at -20 °C for long term (at least one year). Avoid repeated freeze and thaw cycles.

Expiry Date: 12 months

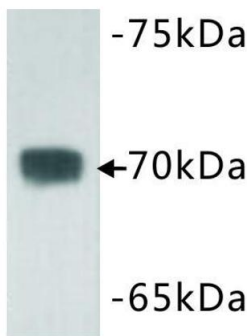


Image 1.

WB: human Plasma protein lysate