

Product datasheet for **AM01357PU-N**

Complement Component 6 (C6) Mouse Monoclonal Antibody [Clone ID: 056B-214.2.4.2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	056B-214.2.4.2
Applications:	ELISA, FC, IHC
Recommended Dilution:	ELISA. Flow Cytometry. Immunohistochemistry on Frozen Sections. <i>Recommended Positive Control:</i> Kidney from post streptoccal glomerulonephritis patients.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Human C6
Specificity:	This antibody recognizes complement component 6 (C6). This antibody recognizes MAC.
Formulation:	Borate buffered saline pH 8.2-8.4 containing 0.02% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 6
Database Link:	Entrez Gene 729 Human P13671



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Background:	C6 is a 104 kDa member of the complement C6/C7/C8/C9 family present in blood serum. The factor I modules of C6 bind the C terminus of the C5b alpha-chain, anchoring the molecule to the membrane and also binds complement component 7. This enables the formation of the C5b-7 precursor complex. C5b-7 then functions as a receptor for components C8 and C9 which form the complement membrane attack complex (MAC). Deficiency of C6 results in susceptibility to bacterial infection.
Synonyms:	C6
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Complement and coagulation cascades, Prion diseases, Systemic lupus erythematosus