

## ARG23546 anti-Complement C6 antibody [056B-214.2.4.2]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [056B-214.2.4.2] recognizes Complement C6. Mouse anti Human C6 antibody, clone 056B-214.2.4.2 recognizes complement component 6 (C6), 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; they 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. Mouse anti Human C6 antibody, clone 056B-214.2.4.2 recognizes MAC.
Tested Reactivity	Hu
Tested Application	ELISA, FACS, IHC-Fr
Host	Mouse
Clonality	Monoclonal
Clone	056B-214.2.4.2
Isotype	IgG1
Target Name	Complement C6
Species	Human
Immunogen	Purified Human Complement C6.
Conjugation	Un-conjugated
Alternate Names	Complement component C6

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	FACS	Assay-dependent
	IHC-Fr	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	BBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	1 mg/ml

<b>Storage instruction</b>	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
<b>Note</b>	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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<b>Gene Symbol</b>	C6
<b>Gene Full Name</b>	complement component 6
<b>Background</b>	This gene encodes a component of the complement cascade. The encoded protein is part of the membrane attack complex that can be incorporated into the cell membrane and cause cell lysis. Mutations in this gene are associated with complement component-6 deficiency. Transcript variants encoding the same protein have been described.[provided by RefSeq, Nov 2012]
<b>Function</b>	Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. [UniProt]
<b>Calculated Mw</b>	105 kDa
<b>PTM</b>	All cysteine residues are assumed to be cross-linked to one another. Individual modules containing an even number of conserved cysteine residues are supposed to have disulfide linkages only within the same module. [UniProt]