

Product Datasheet

Complement C7 Antibody (030-113.7.5.4) NB100-63270

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-63270

Complement C7 Antibody (030-113.7.5.4)

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	030-113.7.5.4
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Borate buffered saline
Product Description	
Host	Mouse
Gene ID	730
Gene Symbol	C7
Species	Human
Specificity/Sensitivity	NB100-63270 recognizes complement component 7 (C7), a 110 kDa glycoprotein present in the blood serum. The factor I domain of C7 binds the C terminus of the C5 alpha-chain, acting as a membrane anchor. This enables the assembly of the complement membrane attack complex (MAC) and consequent complement lytic activity. C7 deficiency is associated with increased susceptibility to recurrent infections, in particular by <i>Neisseria meningitidis</i> . Note that this antibody does not recognise membrane bound complement membrane attack complex. This antibody inhibits lysis of sensitised sheep erythrocytes.
Immunogen	Purified human C7
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000
Application Notes	Mouse anti Human C7 antibody, clone 030-113.7.5.4 does not recognize membrane bound complement membrane attack complex. Mouse anti Human C7 antibody, clone 030-113.7.5.4 inhibits lysis of sensitised sheep erythrocytes.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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