DATASHEET

Complement C3 Rabbit Monoclonal Antibody(ARA600)

CAT. NO. ARA6294

KEY FEATURES

Target:	Complement C3	**Clone ID:**	ARA600
Source/Host:	Rabbit	**Reactivity:**	Human
Clonality:	Monoclonal	**Applications:**	IHC
Storage:	at-20°C		

BACKGROUND

Complement C3 is a central component of the complement system and participates in the classical, alternative, and lectin pathways. Cleavage of C3 produces C3b, which can covalently attach to pathogen or immune-complex surfaces as an opsonin, and C3a, an anaphylatoxin involved in local inflammatory signaling.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:50-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Recombinant rabbit monoclonal antibody to Complement C3
Specificity	Recognizes Complement C3 protein
Antibody Type	Primary antibody,Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human Complement C3 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 187 kD; Observed: 187 kD
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Alternative Names	CPAMD1; Complement C3; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1
Gene Symbol	C3
Entrez Gene	718(Human);
SwissProt	P01024(Human);

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

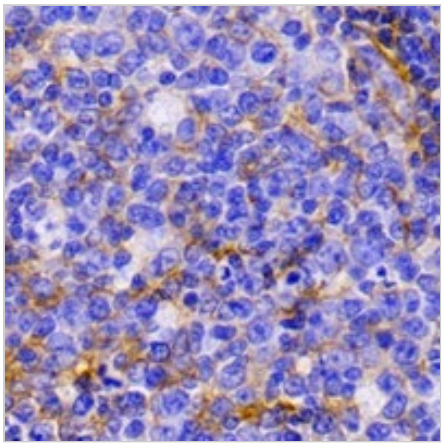
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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Immunohistochemical analysis of Complement C3 staining in mouse spleen formalin fixed paraffin embedded tissue section using Complement C3 Rabbit Monoclonal Antibody(ARA600). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0), detected using an HRP conjugated compact polymer system, and developed with DAB.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com