

CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name	C3, Rat, pAb	Expiry date	-
Catalog number	HP8022-20UG		
Lot number	-	Amount	20 µg
Volume	200 µl	Concentration	100 µg/ml
Formulation	0.2 µm filtered in PBS+0.1%BSA+0.02%NaN3	Conjugate	None
Host species	Rabbit Ig	Purification	Affinity
Endotoxin	N.A.		
Storage	4°C		

Application notes

	IHC-F	IHC-P	IF	FC	FS	IA	IP	W
Reference #								
Yes						•		•
No								
N.D.	•	•	•	•	•		•	

N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot

Dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.

General Information

Description	The polyclonal antibody reacts with Rat C3. The complement factor C3 consists of an alpha- and a beta-chain. C3 is a central factor in the complement cascade. It is central to the alternative pathway that leads to the C3 convertase C3bBb. The classical and mannose binding lectin activation pathways lead to the C3 convertase C4b2a. These convertases cleave C3 resulting in C3a and C3b. Further degradation leads to formation of the alpha-chain products C3d, C3g and C3c. C3 is an acute phase protein that is produced by a wide range of tissues including renal epithelial cells and hepatocytes.
Storage&stability	Product should be stored at 4°C. Under recommended storage conditions, product is stable for at least one year.
Precautions	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.

We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC
Brenda Teunissen

Date
14/07/2021

Do you have any questions or comments regarding this product? Please contact us via support@hycultbiotech.com.