

Datasheet: 2222-5909

BATCH NUMBER 167255

Description:	NATIVE HUMAN C3b
Name:	C3b
Other names:	COMPLEMENT COMPONENT 3b
Format:	Purified
Product Type:	Antigen
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified C3b from human serum - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	1.0 mg/ml
External Database Links	<p>UniProt: P01024 Related reagents</p> <p>Entrez Gene: 718 C3 Related reagents</p>

Synonyms CPAMD1

Product Information **Native Human C3b** is derived by cleavage of the C3-alpha chain at peptide bond 77. This results in production of C3a and C3b fragments. The C3b fragment is a glycoprotein composed of the modified C3-alpha chain and the intact C3-beta chain. Nascent C3b has the transient ability to form a covalent ester bond with a variety of target surfaces. Once bound to target surfaces C3b becomes an essential subunit of both the classical and alternative pathway C5 cleaving enzymes.

Protein Molecular Weight 180 kDa

Purity >90% by SDS-PAGE

Storage Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10209 available at:
<https://www.bio-rad-antibodies.com/SDS/2222-5909>
10209

Donor material tested and found negative for HBsAg, HIV antibodies and HCV antibodies.

As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious

Regulatory For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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