



## Human iC3b (DAG4658)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

Product Overview	Human iC3b
Antigen Description	iC3b (inactivated C3b) is derived from C3b. Conversion of C3b to iC3b destroys almost all of the functional binding sites present on C3b. C3b itself is produced by all three pathways of complement when native C3 is cleaved releasing C3a. iC3b is prepared
Species	Human
Purity	> 90% by SDS-PAGE
Conjugate	Unconjugated
Applications	immunogen
Format	Frozen liquid
Concentration	1.0 mg/ml (see Certificate of Analysis for actual concentration)
Buffer	10 mM sodium phosphate, 145 mM NaCl, pH 7.2
Preservative	None
Storage	2-8°C short term, -20°C long term

### BACKGROUND

Introduction	Complement component C3 plays a central role in the activation of complement system. Its activation is required for both classical and alternative complement activation pathways. People with C3 deficiency are susceptible to bacterial infection.
Keywords	iC3b; inactive product of the complement cleavage fragment C3b; Compliment IC3B