



Human C3c (DAGF-016)

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

PRODUCT INFORMATION

Antigen Description	C3c is derived from iC3b (inactivated C3b) by proteolytic cleavage (Law, S.K.A. and Reid, K.B.M. (1995)). iC3b is created by cleavage of C3b by factor I in the presence of factor H, CR1 or MCP. C3c can be produced by an additional cleavage by factor I if the iC3b is bound to CR1. Factor H cannot serve as a cofactor for this cleavage. C3c can also be produced by the action of trypsin-like proteases on iC3b. If the C3b precursor was attached to a surface, then the iC3b will remain attached to that surface and when iC3b is cleaved the C3c is released into the surrounding solution while the C3dg/C3d fragment remains on that surface. The breakdown of fluid phase C3b is similar, but in this case both C3c and C3dg/C3d are soluble fragments.
Purity	>90% by SDS-PAGE
Conjugate	Unconjugated
Molecular Weight	139 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	250 µg
Buffer	10 mM Sodium phosphate, 145 mM NaCl, pH 7.2
Preservative	None
Storage	Store at -70°C or below. Avoid freeze/thaw.

BACKGROUND

Keywords C3c