

Anti-Complement component C5b-9 (human)

Subclass: IgG2a/k

Mouse monoclonal antibody, biotinylated

Clone: aE11

PRODUCT NO. **DIA 011-01 B**

SPECIFICITY DIA 011-01 binds both membrane-bound MAC (active) and fluid-phase SC5b-9 complexes (inactive (1)).

IMMUNOGEN Purified C5b-9

TESTED APPLICATIONS

SPECIES REACTIVITY (POSITIVE) Human, pig, horse, baboon

SPECIES REACTIVITY (NEGATIVE) Not determined.

EPITOPE SPECIFICITY DIA 011-01 binds to a neoepitope exposed on C9

PRESENTATION

Content: 150 µL, 1 mg/mL +/- 15%. See Certificate of Analysis for details.

Preparation: Biotinylated

Form: Liquid

Solvent: 0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl and 15 mM sodium azide

Storage: 4-8°C without exposure to light. No precautions necessary during handling.

APPLICATION **ELISA:** DIA 011-01 can be used in ELISA

TARGET C5b-9 is also known as the terminal complement complex (TCC). The TCC consists of C5b, C6, C7, C8 and C9 and forms the membrane attack complex (MAC) as well as the non-lytic fluid-phase SC5b-9 complex (with protein S). The MAC forms channels in target cell membranes leading to cell lysis by osmotic leakage. The complexes contain neoantigens that are absent from the individual native components from which they are formed and DIA 011-01 is directed against a neoepitope exposed on C9 when incorporated into the TCC.

REFERENCES 1. Mollnes TE, Harboe M (1987) Immunohistochemical detection of the membrane and fluid-phase terminal complement complexes C5b-9(m) and SC5b-9. Consequences for interpretation and terminology. Scand J Immunol 26:381-6

This product is not for further manufacture.

CONDITIONS

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.