

10-4190: Monoclonal Antibody to human C9 neoepitope (Clone: aE11)

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| Clonality : | Monoclonal |
| Clone Name : | aE11 |
| Application : | ELISA, ICC/IF, IHC, FACS |
| Reactivity : | Human |
| Conjugate : | Unconjugated |
| Gene : | C9 |
| Gene ID : | 735 |
| Uniprot ID : | P02748 |
| Format : | Purified |
| Alternative Name : | Complement component C9, Complement component C9a/C9b |
| Isotype : | Mouse IgG2a, kappa |
| Immunogen Information : | Full length protein corresponding to Human C9 neoepitope was used as the immunogen for this antibody. |

Description

The TCC consisting of C5b, C6, C7, C8, and C9, contains neoantigens that are absent from the individual native components. Neoantigens are present both in the MAC and the fluid-phase (SC5b-9) complex. This membrane attack complex forms channels in target cell membranes which is leading by osmotic leakage to cell lysis. 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.

Product Info

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| Amount : | 25 µg / 100 µg |
| Purification : | Protein G Chromatography |
| Content : | 25 µg in 50 µl / 100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles |

Application Note

Immunohistochemical analysis: 1:5-1:10 dilution

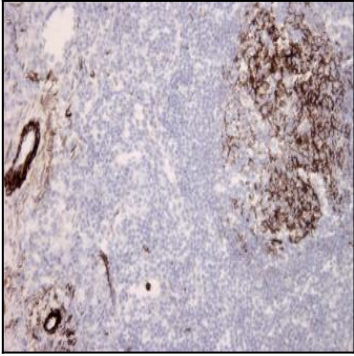


Figure-1: Immuno Histochemical analysis of human C9 neoepitope (Clone: aE11) in Vascular endothelial and dendritic cells of germinal center of human.