9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

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 thge 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 leakag 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

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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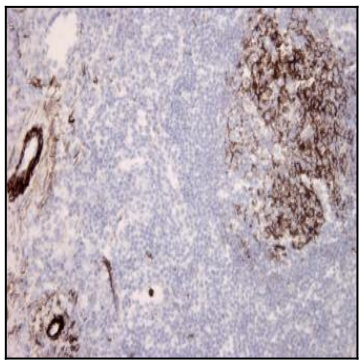

Figure-1: Immuno Histochemical analysis of human C9 neoepitope (Clone: aE11) in Vascular endothelial and dendritic cells of germinal center of human.

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