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DATA SHEET

Rabbit Anti-C5b-9/TCC/MAC Polyclonal: RC0189

Intended Use: For Research Use Only

Description: 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 this antibody is directed against a neoepitope exposed on C9 when incorporated into the TCC.

Specifications

Clone:	Polyclonal
Source:	Rabbit
Isotype :	IgG
Reactivity:	Human, mouse, rat
Localization:	Secreted
Formulation:	Antibody in PBS buffer pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
Storage:	Store at 2°- 8°C
Applications:	IHC, IF

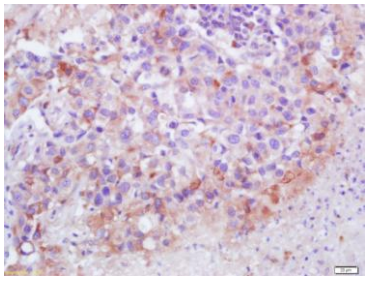
Package:

Description	Catalog No.	Size
C5b-9/TCC/MAC Concentrated	RC0189	1 ml

IHC Procedure*

Positive Control Tissue:	Tonsil, lung carcinoma
Concentrated Dilution:	10-50
Pretreatment:	Citrate pH 6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human lung carcinoma tissue stained with anti-C5b-9 using DAB

References:

1. Widespread cortical demyelination of both hemispheres can be induced by injection of pro-inflammatory cytokines via an implanted catheter in the cortex of MOG-immunized rats. Ücal, Muammer, et al. Experimental Neurology 2017.
2. Age-related increases in amyloid beta and membrane attack complex: evidence of inflammasome activation in the rodent eye. Zhao et al. J.Neuroinflammation. 12:121, 2015.
3. Efficacy of vitamin D in treating multiple sclerosis-like neuroinflammation depends on developmental stage. Adzemovic, Milena Z., et al. Experimental Neurology 2013.

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