

Product datasheet for **AM01331PU-N**

Complement SC5b-9 (TCC / MAC) Mouse Monoclonal Antibody [Clone ID: 3R2/0]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3R2/0
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	ELISA. Western Blot. Flow Cytometry. Immunohistochemistry on Frozen Sections. <i>Recommended Positive Control:</i> Kidney from post streptococcal glomerulonephritis patients.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This antibody recognises the SC5b-9 complex of around 330 kDa.
Formulation:	Borate buffered saline, pH8.4 containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Both the classical and alternative complement pathways result in the formation of the cytolysis inducing C5b-9 complex. This complex is composed of 190 kDa C5b which is bound to cells via 71 kDa C9. Sublytic assembly of C5b-9 on plasma membranes induces cell cycle activation and survival. The binding of C5b-9 to the 75 kDa S-protein (or vitronectin) in the fluid phase prevents C5b-9 from assembling on the plasma membrane, deactivating it and forming the SC5b-9 complex. SC5b-9 is stable in vitro and is therefore a reliable indicator of terminal complement pathway activation.



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Synonyms: Terminal complement complex, Membrane attack complex

Note: Removal of Sodium Azide is recommended prior to use in functional assays.