

## Recombinant Complement Component C9 (CCC9) (Early Myocardial Infarction Marker) Antibody

Mouse Monoclonal Antibody [Clone r10A6]

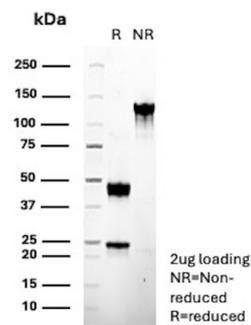
Catalog No	Format	Size
735-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
735-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
735-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

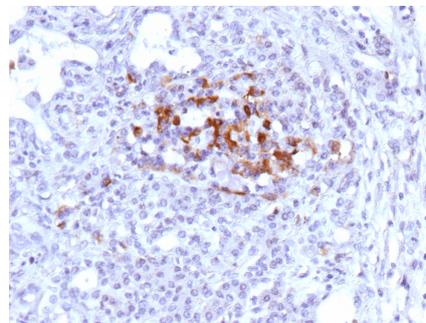
Product Details	
Clone	r10A6
Gene Name	C9
Immunogen	Prokaryotic recombinant protein corresponding to a C-terminal region of the complement component C9 molecule.
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	71kDa
Cellular Localization	Cytoplasm, Secreted
Species Reactivity	Human
Positive Control	Human liver, placenta, myocardium or rejected renal transplant tissue.

\*Optimal dilution for a specific application should be determined.

### Product Images for Recombinant Complement Component C9 (CCC9) (Early Myocardial Infarction Marker) Antibody



SDS-PAGE Analysis of Purified Complement Component C9 Recombinant Mouse Monoclonal Antibody (r10A6). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human tonsil stained with Complement Component C9 Recombinant Mouse Monoclonal Antibody (r10A6). Inset: PBS instead of primary antibody; secondary only negative control.

**Specificity & Comments**

Complement component C9 binds to the C5b-8 complex as the final protein of the membrane attack complex. After binding, it undergoes a conformational change and inserts itself into the cell membrane, forming transmembrane channels. Complement component C9 acts in a similar way to perforin, a pore forming protein found in cytotoxic T cells. Male and female reproductive tissues express and synthesize complement components, binding proteins and receptors, although the implications of this are unclear.

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**Limitations and Warranty**

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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**Supplied As**

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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**Storage and Stability**

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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**Research Areas**

Complement System, Immunology, Infectious Disease

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