Anti-CD46 Antibody Picoband™ (monoclonal, 9E9)

Clone no. 9E9

MONOSAN

Product name	Anti-CD46 Antibody Picoband™ (monoclonal, 9E9)
Host	Mouse
Applications	FC,IHC,WB
Species reactivity	Human
Conjugate	-
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CD46.
Isotype	IgG1
Clonality	Monoclonal
Clone number	9E9
Size	100µg
Concentration	Adding 0.2 ml of distilled water =f 500 µg/ml.
Format	Lyophilized
Storage buffer	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Storage until expiry date	-20°C

Product datasheet MON23711

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Additional info

Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.Add 0.2ml of distilled water will yield a concentration of 500µg/ml. Background: CD46 complement regulatory protein also known as CD46 (cluster of differentiation 46) and Membrane Cofactor Protein is a protein which in humans is encoded by the CD46 gene. The protein encoded by this gene is a type I membrane protein and is a regulatory part of the complement system. And the encoded protein has cofactor activity for inactivation of complement components C3b and C4b by serum factor I, which protects the host cell from damage by complement. In addition, the encoded protein can act as a receptor for the Edmonston strain of measles virus, human herpesvirus-6, and type IV pili of pathogenic Neisseria. Finally, the protein encoded by this gene may be involved in the fusion of the spermatozoa with the oocyte during fertilization. Mutations at this locus have been associated with susceptibility to hemolytic uremic syndrome. Alternatively spliced transcript variants encoding different isoforms have been described.

Subcellular Localization: Tissue Specificity: Expressed by all cells except erythrocytes.

References

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