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Anti-CD46 Antibody (clone 169-1-EA.3, Azide-free)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18121

Specification

Anti-CD46 Antibody (clone 169-1-EA.3, Azide-free) - Product Information

Application	**WB, IHC-P, Flo**
Primary Accession	P15529
Predicted	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a**
Calculated MW	**43747**

Anti-CD46 Antibody (clone 169-1-EA.3, Azide-free) - Additional Information

Gene ID 4179

Alias Symbol	**CD46**

Other Names
CD46, AHUS2, CD46 antigen, MCP, Measles virus receptor, TLX, MIC10, TRA2.10, Membrane cofactor protein

Target/Specificity
SCR1 epitope of CD46.

Reconstitution & Storage
Protein A purified

Precautions
Anti-CD46 Antibody (clone 169-1-EA.3, Azide-free) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CD46 Antibody (clone 169-1-EA.3, Azide-free) - Protein Information

Name CD46

Synonyms MCP, MIC10

Function
Acts as a cofactor for complement factor I, a serine protease which protects autologous cells against complement-mediated injury by cleaving C3b and C4b deposited on host tissue. May be involved in the fusion of the spermatozoa with the oocyte during fertilization. Also acts as a costimulatory factor for T-cells which induces the differentiation of CD4+ into T-regulatory 1 cells. T-regulatory 1 cells suppress immune responses by secreting interleukin-10, and therefore are thought to prevent autoimmunity.

Cellular Location

Cytoplasmic vesicle, secretory vesicle, acrosome inner membrane; Single-pass type I membrane protein. Note=Inner acrosomal membrane of spermatozoa. Internalized upon binding of Measles virus, Herpesvirus 6 or Neisseria gonorrhoeae, which results in an increased susceptibility of infected cells to complement-mediated injury. In cancer cells or cells infected by Neisseria, shedding leads to a soluble peptide

Tissue Location
Expressed by all cells except erythrocytes.

Anti-CD46 Antibody (clone 169-1-EA.3, Azide-free) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CD46 Antibody (clone 169-1-EA.3, Azide-free) - Images