

Anti-CD46 Antibody (clone MEM-258)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17672**Specification**

Anti-CD46 Antibody (clone MEM-258) - Product Information

Application	WB, IHC-P, IP, FC
Primary Accession	P15529
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	43747

Anti-CD46 Antibody (clone MEM-258) - 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

Recognizes the human CD46 cell surface antigen, a broadly expressed glycoprotein also known as membrane co-factor protein (MCP). CD46 functions as an inhibitor of complement activation limiting the formation and activity of C3 convertases. CD46 is ex ...

Reconstitution & Storage

Protein A purified

Precautions

Anti-CD46 Antibody (clone MEM-258) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CD46 Antibody (clone MEM-258) - 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 MEM-258) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD46 Antibody (clone MEM-258) - Images