

## Rabbit CD46 Polyclonal Antibody | anti-CD46 antibody

CD46 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA168109</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

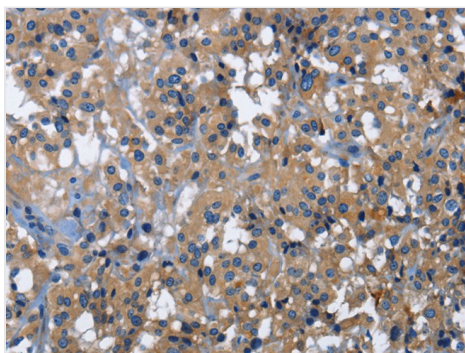
### PRODUCT SYNONYMS

CD46; Polyclonal Antibody; CD46 Polyclonal Antibody; MCP; TLX; AHUS2; MIC10; TRA2.10; anti-CD46 antibody

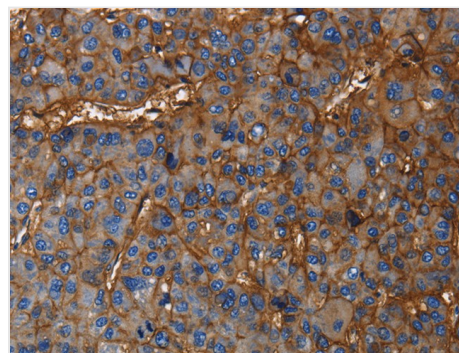
### PRODUCT SPECIFICATIONS

|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 1.2mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 349                                                                                       |
| Applicable Applications for anti-CD46 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                      | Recombinant protein of human CD46                                                         |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CD46 Polyclonal Antibody at dilution 1:30



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CD46 Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

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|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD46 antibody | The protein encoded by this gene is a type I membrane protein and is a regulatory part of the complement system. 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. |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 1256701                                                                                                                                                                                                                                                                                                                                               |
| NCBI GeneID                      | 4179                                                                                                                                                                                                                                                                                                                                                  |
| Molecular Weight                 | 36,826 Da                                                                                                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | CD46                                                                                                                                                                                                                                                                                                                                                  |
| NCBI Official Synonym Full Names | CD46 molecule, complement regulatory protein                                                                                                                                                                                                                                                                                                          |
| NCBI Official Symbol             | CD46                                                                                                                                                                                                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | MCP; TLX; AHUS2; MIC10; TRA2.10                                                                                                                                                                                                                                                                                                                       |
| NCBI Protein Information         | membrane cofactor protein; CD46 antigen, complement regulatory protein; antigen identified by monoclonal antibody TRA-2-10; complement membrane cofactor protein; measles virus receptor; membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen); trophoblast leucocyte common antigen; trophoblast leukocyte common antigen |
| UniProt Protein Name             | Membrane cofactor protein                                                                                                                                                                                                                                                                                                                             |
| UniProt Gene Name                | CD46                                                                                                                                                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | MCP; MIC10                                                                                                                                                                                                                                                                                                                                            |
| UniProt Entry Name               | MCP_HUMAN                                                                                                                                                                                                                                                                                                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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