

36-2757: Anti-CD46 (Membrane Cofactor Protein) Monoclonal Antibody(Clone: 169-1-E4.3)

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| Clonality : | Monoclonal |
| Clone Name : | 169-1-E4.3 |
| Application : | FACS,IF |
| Reactivity : | Human |
| Gene : | CD46 |
| Gene ID : | 4179 |
| Uniprot ID : | P15529 |
| Alternative Name : | AHUS2; Complement membrane cofactor protein; MCP; Measles virus receptor; Membrane cofactor protein; MIC10; TLX; Trophoblast leucocyte common antigen; Trophoblast lymphocyte cross reactive antigen |
| Isotype : | Mouse IgG2a, kappa |
| Immunogen Information : | Stimulated human leukocytes |

Description

Recognizes a protein of 52kDa-58kDa, identified as CD46 (also known as membrane cofactor protein, MCP). Its epitope is located on the four immunogenic short consensus repeat (SCR) domains at N-terminus of the protein. CD46 exists as many isoforms in a variety of tissues. It is strongly expressed on salivary gland ducts and kidney ducts, moderately on lymphocytes and endothelium, and weakly on interstitial tissues and muscle cells, but not on erythrocytes. CD46 functions as a C3b/C4b-binding glycoprotein that inhibits complement activation on host cells. It also serves as a measles virus receptor, an adherence factor for group Streptococcus pyogenes, and a cellular pilus receptor for pathogenic Neisseria.

Product Info

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| Amount : | 20 µg / 100 µg |
| Content : | 200 µg/ml of Ab Purified from Bioreactor Concentrate. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |
| Storage condition : | 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. |

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

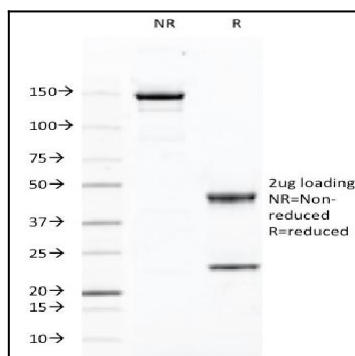


Fig. 1: SDS-PAGE Analysis Purified CD46 Mouse Monoclonal Antibody (169-1-E4.3). Confirmation of Integrity and Purity of Antibody