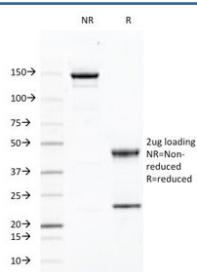


CD46 Antibody [clone 169-1-E4.3] (V2700)

| Catalog No. | Formulation | Size |
|----------------|--|--------|
| V2700-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V2700-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V2700SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

 [Citations \(9\)](#)
[Bulk quote request](#)

| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Mouse |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG2a, kappa |
| Clone Name | 169-1-E4.3 |
| Purity | Protein G affinity chromatography |
| UniProt | P15529 |
| Localization | Cell surface |
| Applications | Flow Cytometry : 1-2ug/10 ⁶ cells Immunofluorescence : 1-2ug/ml |
| Limitations | This CD46 antibody is available for research use only. |



SDS-PAGE Analysis of Purified, BSA-Free CD46 Antibody (clone 169-1-E4.3).
Confirmation of Integrity and Purity of the Antibody.

Description

Recognizes a protein of 52 kDa-58 kDa, 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 A Streptococcus pyogenes, and a cellular pilus receptor for pathogenic Neisseria.

Application Notes

Optimal dilution of the CD46 antibody should be determined by the researcher.

Immunogen

Stimulated human leukocytes were used as the immunogen for the CD46 antibody.

Storage

Store the CD46 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).