

CD46 Antibody [clone 197-2B1] (V8798)

Catalog No.	Formulation	Size
V8798-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8798-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8798SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	197-2B1
Purity	Protein affinity
UniProt	P15529
Localization	Cell Surface
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This CD46 antibody is available for research use only.



Description

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

Recombinant human CD46 protein was used as the immunogen for the CD46 antibody.

Storage

Aliquot the CD46 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.