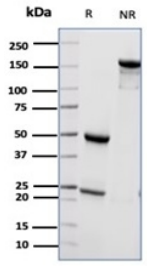
CD55 Antibody [clone CD55/6795] (V8777)

Catalog No.	Formulation	Size
V8777-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8777-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8777SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CD55/6795
Purity	Protein A/G affinity
UniProt	P08174
Localization	Cell Surface, Secreted
Applications	Western Blot : 1-2ug/ml
Limitations	This CD55 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free CD55 antibody (CD55/6795) as confirmation of integrity and purity.

Description

Recognizes a single chain glycoprotein of 70kDa, identified as CD55/DAF. It is widely expressed on cells throughout the

body including leukocytes, erythrocytes, epithelium, endothelium, and fibroblasts. It is a Glycosyl phosphatidylinositol anchored (GPI-anchored) member of the membrane bound complement regulatory proteins that inhibit autologous complement cascade activation. It prevents the amplification steps of the complement cascade by interfering with the assembly of the C3-convertases, C4b2a and C3bBb, and the C5-convertase, C4b2a3b and C3bBb3b. CD55 also serves as receptor for CD97 and for echovirus and Coxsackie B virus.

Application Notes

Optimal dilution of the CD55 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-100 was used as the immunogen for the CD55 antibody.

Storage

Aliquot the CD55 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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