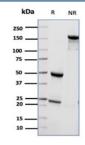


CD55 Antibody [clone CD55/6795] (V8777)

| 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 |
| 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.