# CD3 epsilon Antibody [clone rC3e/2479] (V8795)

| Catalog No. | Formulation | Size |
|---|---|---|
| V8795-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V8795-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V8795SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

Recombinant MOUSE MONOCLONAL

**Bulk quote request**

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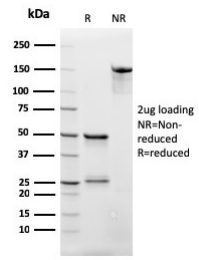
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Clonality** | Recombinant Mouse Monoclonal |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | rC3e/2479 |
| **Purity** | Protein A/G affinity |
| **UniProt** | P07766 |
| **Localization** | Cell Surface and cytoplasm |
| **Applications** | ELISA : 2-4ug/ml (for coating order BSA-free format) |
| **Limitations** | This CD3 epsilon antibody is available for research use only. |




SDS-PAGE analysis of purified, BSA-free CD3 epsilon antibody (rC3e/2479) as confirmation of integrity and purity.

## Description

Recognizes the epsilon-chain of CD3, which consists of five different polypeptide chains (designated as gamma, delta, epsilon, zeta, and eta) with MW ranging from 16-28kDa. The CD3 complex is closely associated at the lymphocyte cell surface with the T cell antigen receptor (TCR). Reportedly, CD3 complex is involved in signal transduction to the T cell interior following antigen recognition. The CD3 antigen is first detectable in early thymocytes and probably represents one

of the earliest signs of commitment to the T cell lineage. In cortical thymocytes, CD3 is predominantly intra-cytoplasmic. However, in medullary thymocytes, it appears on the T cell surface. CD3 antigen is a highly specific marker for T cells, and is present in majority of T cell neoplasms.

## Application Notes

Optimal dilution of the CD3 epsilon antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 23-119 was used as the immunogen for the CD3 epsilon antibody.

## Storage

Aliquot the CD3 epsilon antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.