

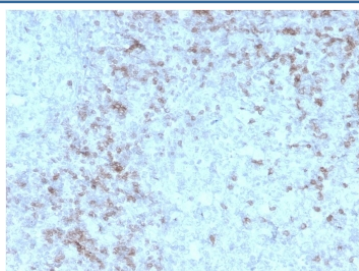
## Recombinant CD3e Antibody [clone rC3e/1931] (V8202)

| Catalog No.    | Formulation  | Size   |
|----------------|--|--------|
| V8202-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8202-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V8202SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

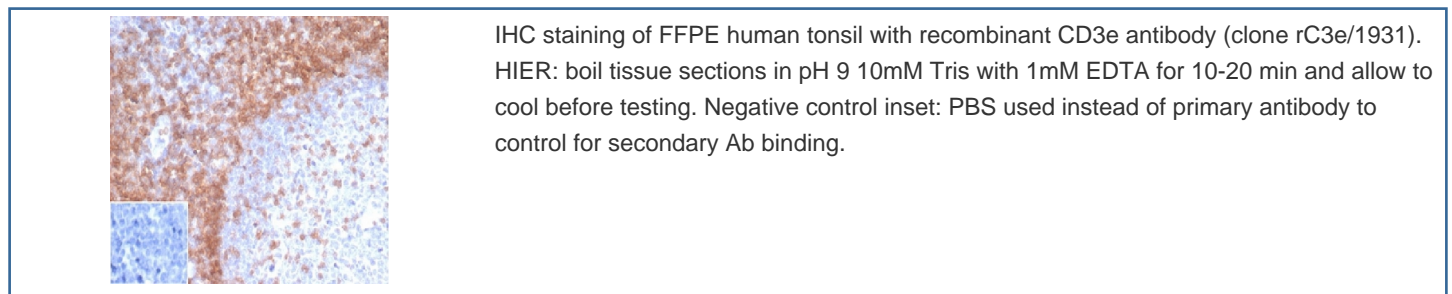
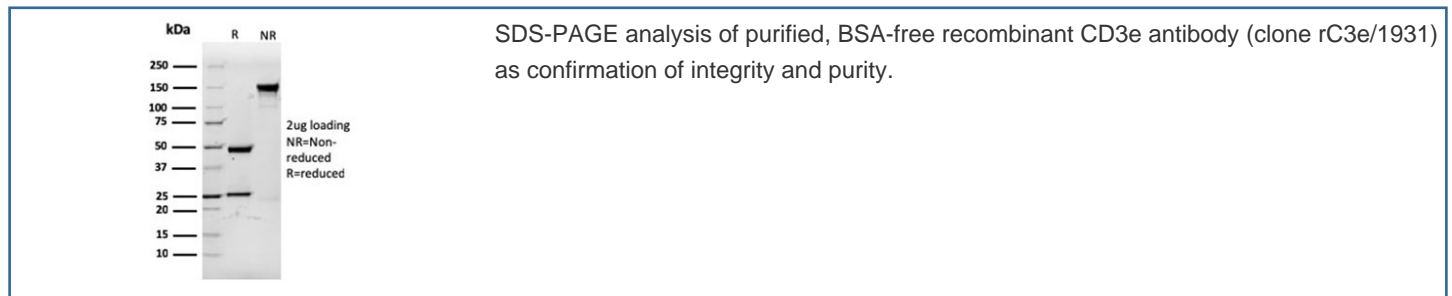
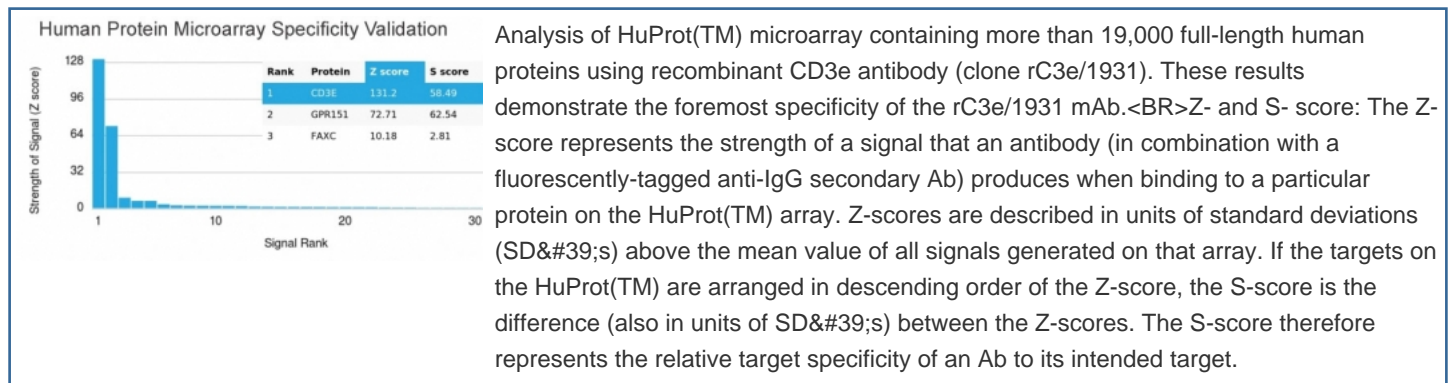
Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

|                           |   |
|---------------------------|---|
| <b>Availability</b>       | 1-3 business days   |
| <b>Species Reactivity</b> | Human   |
| <b>Format</b>             | Purified  |
| <b>Clonality</b>          | Recombinant Mouse Monoclonal  |
| <b>Isotype</b>            | Mouse IgG1, kappa   |
| <b>Clone Name</b>         | rC3e/1931   |
| <b>Purity</b>             | Protein G affinity chromatography   |
| <b>UniProt</b>            | P07766  |
| <b>Localization</b>       | Cell surface, cytoplasmic   |
| <b>Applications</b>       | ELISA : order BSA-free format for coating<br>Immunohistochemistry (FFPE) : 1-2ug/ml |
| <b>Limitations</b>        | This recombinant CD3e antibody is available for research use only.                  |



IHC staining of FFPE human spleen with recombinant CD3e antibody (clone rC3e/1931).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



## 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 recombinant CD3e antibody should be determined by the researcher.

## Immunogen

A recombinant human partial protein (amino acids 23-119) was used as the immunogen for the recombinant CD3e antibody.

## Storage

Store the recombinant CD3e antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

