

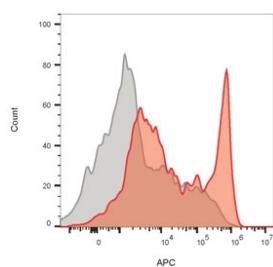
## Recombinant CD8A Antibody [clone CD8/3892R] (V8521)

| Catalog No.    | Formulation  | Size   |
|----------------|--|--------|
| V8521-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8521-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V8521SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

Recombinant RABBIT MONOCLONAL

[Bulk quote request](#)

|                    |  |
|--------------------|--|
| Availability       | 1-3 business days  |
| Species Reactivity | Human  |
| Format             | Purified   |
| Host               | Rabbit   |
| Clonality          | Recombinant Rabbit Monoclonal  |
| Isotype            | Rabbit IgG   |
| Clone Name         | CD8/3892R  |
| Purity             | Protein A affinity chromatography  |
| UniProt            | P01732   |
| Localization       | Cell surface   |
| Applications       | ELISA : order Ab without BSA for coating<br>Flow Cytometry : 1-2ug/million cells |
| Limitations        | This recombinant CD8A antibody is available for research use only.               |



Flow cytometry staining of human lymphocyte-gated PBM cells with recombinant CD8A antibody; Red=recombinant CD8A, Gray=isotype control.

## Description

This MAb is specific for the 32kDa alpha chain of human CD8, known as CD8a or CD8 alpha. CD8 is a cell surface receptor expressed either as a heterodimer with the CD8 beta chain (CD8 alpha/beta) or as a homodimer (CD8 alpha/alpha). A majority of thymocytes and a subpopulation of mature T cells and NK cells express CD8a. CD8 binds to MHC class 1 and through its association with protein tyrosine kinase p56lck plays a role in T cell development and activation of mature T cells. For mature T-cells, CD4 and CD8 are mutually exclusive, so anti-CD8, generally used in conjunction with anti-CD4. It is a useful marker for distinguishing helper/inducer T-lymphocytes, and most peripheral T-cell lymphomas are CD4+/CD8-. Anaplastic large cell lymphoma is usually CD4+ and CD8-, and in T-lymphoblastic lymphoma/leukemia, CD4 and CD8 are often co-expressed. CD8 is also found in littoral cell angioma of the spleen.

## Application Notes

Optimal dilution of the recombinant CD8A antibody should be determined by the researcher.

## Immunogen

Recombinant human full-length protein was used as the immunogen for the recombinant CD8A antibody.

## Storage

Store the recombinant CD8A antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).