# CD45RB Antibody BRA-11 CF488 Conjugate [clone BRA-11] (V8048)

| Catalog No. | Formulation | Size |
|---|---|---|
| V8048CF488-100T | 500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 Tests |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | CF488 Conjugate |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | BRA-11 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | P08575 |
| **Localization** | Cell surface, cytoplasmic |
| **Applications** | Flow cytometry: 5ul per test per one 10^6 cells in 0.1ml or 5ul per 100ul of whole blood<br>Immunofluorescence: 1:50-1:100 |
| **Limitations** | This CD45RB Antibody BRA-11 CF488 Conjugate is available for research use only. |



## Description

CD45R, also designated CD45 and PTPRC, has been identified as a transmembrane glycoprotein, broadly expressed among hematopoietic cells. Multiple isoforms of CD45R are distributed throughout the immune system according to cell type. These isoforms arise because of alternative splicing of exons 4, 5, and 6. The corresponding protein domains are characterized by the binding of monoclonal antibodies specific for CD45RA (exon 4), CD45RB (exon 5), CD45RC (exon

6) and CD45RO (exons 4 to 6 spliced out). The variation in these isoforms is localized to the extracellular domain of CD45R, while the intracellular domain is conserved. CD45R functions as a phosphor-tyrosine phosphatase. Antibody to CD45 is useful in differential diagnosis of lymphoid tumors from non-hematopoietic undifferentiated neoplasms.

CD45RB is an alternatively spliced PTPRC isoform involved in lymphocyte differentiation and immune cell phenotyping; learn more about this target and related reagents on our CD45RB Antibody page.

## Application Notes

Optimal dilution of the CD45RB Antibody BRA-11 CF488 Conjugate should be determined by the researcher.

## Immunogen

The non-T, non-B CALLA positive ALL cell line REH (Leucocyte Workshop IV and V) was used as the immunogen for this antibody.

## Storage

Store the CD45RB antibody at 2-8oC (with azide); protect from light.


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