



[Go to Product page](#)

Datasheet for ABIN133312
anti-CD45RA/B antibody (Biotin)

Overview

| | |
|--------------|--|
| Quantity: | 100 µg |
| Target: | CD45RA/B |
| Reactivity: | Rat |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This CD45RA/B antibody is conjugated to Biotin |
| Application: | Flow Cytometry (FACS) |

Product Details

| | |
|---------------|---|
| Immunogen: | Rat purified spleen L-CA . Fusion Partner: NSO/U . Donor: BALB/c Spleen |
| Clone: | OX-33 |
| Isotype: | IgG1 |
| Specificity: | Rat CD45RA/B |
| Purification: | Ion exchange chromatography |

Target Details

| | |
|-------------------|---|
| Target: | CD45RA/B |
| Alternative Name: | CD45RA/B (CD45RA/B Products) |
| Background: | Rat Leukocyte Common Antigen has been shown to exist in different forms on different lymphoid cell types. Rat L-CA on thymocytes shows one main band at 180 kDa, T cells show 4 |

Target Details

bands at 180, 190, 200 and 220 kDa. ABIN133312 detects a subfraction of the 240 kDa rat L-CA band found only on B lymphocytes. This monoclonal antibody is of particular use in the investigation of the molecular and antigenic heterogeneity of rat L-CA, especially when used in conjunction with other OX antibodies. Four mouse monoclonal antibodies (MRC OX 1, 28, 29 and 30) react with all molecular forms of L-CA and fall into two sets that are non-competitive in binding to L-CA (MRC OX 1, 28, 29 and 30). The antigenic determinants seen by all these antibodies are lost when L-CA is reduced and alkylated. Three antibodies (MRC OX 22, 31, and 32) react selectively with B cells, T cytotoxic cells and about two thirds of T helper cells. OX 22 and OX 31 compete for binding but are non-competitive with OX 32. All of these antibodies bind to a sub-fraction of the 190, 200 and 220 kDa forms of T cell L-CA but not at all to the 180 kDa form of T cells or thymocytes. This clone is reported to work with frozen and paraffin sections (2).

Application Details

Application Notes: This clone is reported to work with frozen and paraffin sections (2).

Restrictions: For Research Use only

Handling

Concentration: 0.5 µg/10 cells

Storage: 4 °C