



Anti-CD53 monoclonal antibody, clone OX-44 (CABT-46459MR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Mouse anti Rat CD53 antibody, clone OX-44 recognizes the rat CD53 cell surface antigen, a 43kD glycoprotein, which is a member of the transmembrane 4 super family. It is expressed by all myeloid and peripheral lymphoid cells, and by a small subset of thymocytes. Clone OX-44 recognizes a conformational epitope that is dependent on disulphide bonding. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. |
| Specificity | CD53 |
| Immunogen | Rat T cell blasts. |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | Rat |
| Clone | OX-44 |
| Conjugate | Unconjugated |
| Applications | IHC-Fr; FC; IP; IHC-P |
| Format | Purified IgG - liquid |
| Size | 100 µg |
| Preservative | See individual product datasheet |
| Storage | Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |

GENE INFORMATION

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| Gene Name | Cd53 Cd53 molecule [Rattus norvegicus (Norway rat)] |
| Official Symbol | CD53 |
| Synonyms | CD53; Cd53 molecule; OX44; Ox-44; leukocyte surface antigen CD53; CD53 antigen; cell surface glycoprotein CD53; leukocyte antigen MRC OX-44; |
| Entrez Gene ID | 24251 |
| Protein Refseq | NP_036655 |
| UniProt ID | P24485 |
| Chromosome Location | 2q34-q41 |
| Pathway | IL-2 Signaling Pathway; |