



Anti-CD5 monoclonal antibody, clone OX-19 (CABT-45226MR)

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 CD5 antibody, clone OX-19 recognizes the rat CD5 cell surface antigen, a 69kD glycoprotein expressed by T cells, thymocytes and a subset of B cells. Mouse anti Rat CD5 antibody, clone OX-19 has been reported as being suitable for use on periodate-lysine paraformaldehyde (PLP) fixed paraffin embedded tissue. Mouse anti Rat CD5 antibody, clone OX-19 is routinely tested in flow cytometry on rat splenocytes. Flow Cytometry Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul. |
| Specificity | CD5 |
| Immunogen | Rat thymocyte glycoproteins |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | Rat |
| Clone | OX-19 |
| Conjugate | Unconjugated |
| Applications | IHC-Fr; FC; IP; IHC-P |
| Format | Purified IgG - liquid |
| Size | 100 µg |
| Preservative | See individual product datasheet |
| Storage | in frost free freezers is not recommended. 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 | Cd5 Cd5 molecule [Rattus norvegicus (Norway rat)] |
| Official Symbol | CD5 |
| Synonyms | CD5; Cd5 molecule; T-cell surface glycoprotein CD5; CD5 antigen; Lymphocyte antigen CD5; |
| Entrez Gene ID | 54236 |
| Protein Refseq | NP_062168 |
| UniProt ID | P51882 |
| Chromosome Location | 1q43 |
| Pathway | B Cell Receptor Signaling Pathway; Hematopoietic cell lineage; T Cell Receptor Signaling Pathway; |
| Function | glycoprotein binding; scavenger receptor activity; |