



Anti-CD5 monoclonal antibody, clone OX-19 [Biotin] (CABT-45221MR)

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

PRODUCT INFORMATION

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 10⁶ cells in 100ul.

Specificity	CD5
Immunogen	Rat thymocyte glycoproteins
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	OX-19
Conjugate	Biotin
Applications	FC
Format	Purified IgG conjugated to Biotin - lyophilised
Size	100 tests
Preservative	None
Storage	Prior to reconstitution store at +4°C. Following reconstitution 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

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;
