



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

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 10 ⁶ 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

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;