



Anti-CD44 monoclonal antibody, clone OX-50 [R-PE] (CABT-46119MR)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Rat CD44 antibody, clone OX-50 recognizes the rat CD44 cell surface antigen, expressed by T cells, B cells, macrophages and thymocytes. CD44 is a glycoprotein of 85kD, with expression being increased following activation. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CD44
Immunogen	Rat T cell blasts.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	OX-50
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Cd44 Cd44 molecule [Rattus norvegicus (Norway rat)]
Official Symbol	CD44
Synonyms	CD44; Cd44 molecule; CD44A; META4; RHAMM; CD44 antigen; PGP-1; PGP-I; HUTCH-I; ECMR-III; hermes antigen; hyaluronate receptor; phagocytic glycoprotein 1; phagocytic glycoprotein I; extracellular matrix receptor III; GP90 lymphocyte homing/adhesion recepto
Entrez Gene ID	25406
Protein Refseq	NP_037056
UniProt ID	P26051
Chromosome Location	3q31
Pathway	Cell surface interactions at the vascular wall; Defective B3GAT3 causes JDSSDHD; Defective B4GALT1 causes B4GALT1-CDG (CDG-2d); Defective B4GALT7 causes EDS, progeroid type; Defective CHST14 causes EDS, musculocontractural type; Defective CHST3 causes SEDCJD; Defective CHST6 causes MCDC1; Defective CHSY1 causes TPBS;
Function	contributes_to cytokine binding; contributes_to cytokine receptor activity; epidermal growth factor receptor binding; hyaluronic acid binding; hyaluronoglucosaminidase activity; phosphoprotein binding; protein binding; protein kinase binding; transmembrane signaling receptor activity;