



Anti-CD44 monoclonal antibody, clone 5035-41.1D [R-PE] (CABT-46109MM)

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

PRODUCT INFORMATION

Product Overview	Ly24.2 found on >90% bone marrow cells and spleen cells, 56% of thymus cells and 90% of lymph node cells. This antibody recognises the following strains of mice:- C57BL/6, C57BL/10, C57/L, C58A, AKR, 129, SJL, NZB, C3H, CE, CBA/H. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or cells or 100ul whole blood. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Specificity	CD44
Immunogen	Spleen cells from B6PL-Ly-2a / Ly-3a B6-Ly-1a mice
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse
Clone	5035-41.1D
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	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 antigen [Mus musculus (house mouse)]
Official Symbol	CD44
Synonyms	CD44; CD44 antigen; Ly-24; Pgp-1; HERMES; AU023126; AW121933; AW146109; PGP-I; HUTCH-I; ECMR-III; hermes antigen; hyaluronate receptor; lymphocyte antigen 24; phagocytic glycoprotein 1; phagocytic glycoprotein I; extracellular matrix receptor III; GP90 ly
Entrez Gene ID	12505
Protein Refseq	NP_001034239
UniProt ID	P15379
Chromosome Location	2 E2; 2 54.13 cM
Pathway	Cell surface interactions at the vascular wall; Cytokine Signaling in Immune system; 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;
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;