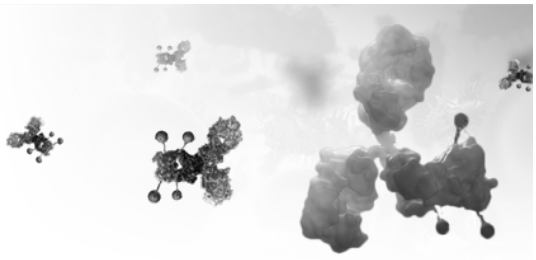

Anti-CD44 monoclonal antibody, clone KM201 [R-PE] (CABT-46110RM)

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

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD44 antibody, clone KM201 recognizes the murine CD44 antigen, a glycoprotein of 80 to 95kD. This antibody stains subpopulations of cells from lymphoid tissues and bone marrow cultures as well as lymphoid cells. Staining of normal bone marrow cells reveals high and low density populations - consistent with published descriptions of Pgp-1 antibodies. Suitable in studies of lymphopoiesis and myelopoiesis. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors.
Specificity	CD44
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Mouse
Clone	KM201
Conjugate	PE
Applications	FC; IF
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid
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.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

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; hyaluronon glucosaminidase activity; phosphoprotein binding; protein binding; protein kinase binding;

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