



Anti-CD44 monoclonal antibody, clone IL-A118 [R-PE] (CABT-46083MB)

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

PRODUCT INFORMATION

Product Overview	This product recognises the 90kDa bovine CD44 cell surface antigen. CD44 is expressed by a wide range of bovine cells, including peripheral T and B lymphocytes, monocytes, granulocytes, platelets and early erythroid cells. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul
Specificity	CD44
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Bovine, Camel
Clone	IL-A118
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 (Indian blood group) [Bos taurus (cattle)]
Official Symbol	CD44
Synonyms	CD44; CD44 molecule (Indian blood group); 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	281057
Protein Refseq	NP_776438.2
UniProt ID	Q29423
Chromosome Location	15
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; Defective EXT1 causes exostoses 1, TRPS2 and CHDS;
Function	hyaluronic acid binding