

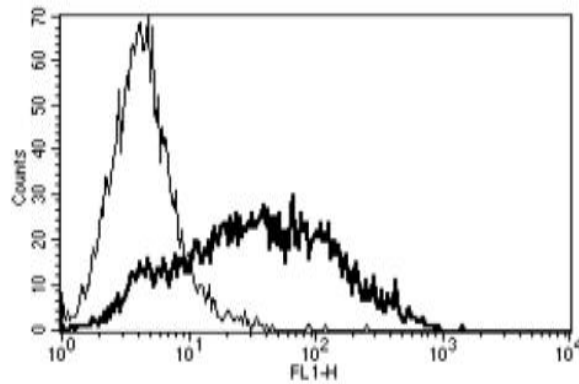
TFRC

Mouse Anti-Human CD71 (Clone B-G24) FITC mAb

Catalog No.	CDM194	Quantity:	100 tests
Alternate Names:	Transferrin receptor protein 1, TFR, TFR1, TRFR		
Description:	Transferrin receptor (CD71) mediates the uptake of transferrin-iron complexes and is highly expressed on the surface of cells of the erythroid lineage, useful for analysis of bone marrow biopsy specimens. Serum transferrin receptor (sTfR) is used as a means of detecting erythropoietin (EPO) misuse by athletes and as a diagnostic test for anemia resulting from a number of conditions including rheumatoid arthritis, pregnancy, irritable bowel syndrome and in HIV patients. Canine and feline parvoviruses bind human and feline transferrin receptors and use these receptors to enter and infect cells.		
UniProt ID:	P02786		
Gene ID:	7037		
Concentration:	100 tests / 1 ml		
Specificity:	Recognizes the transferrin receptor, a 95 kDa protein		
Host:	Mouse		
Immunogen:	KG1 cell line		
Isotype:	IgG1 κ		
Clone:	B-G24		
Conjugate:	FITC		
Formulation:	Liquid in PBS, 5% BSA, 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Applications:	Flow Cytometry		
Application Notes:	Use 10 μ l to label 10 ⁶ cells or 100 μ l of whole blood. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable for 1 year at 2-8°C or in working aliquots at -20°C to -80°C for longer storage. Avoid repeated freeze-thaw cycles.		



A typical staining pattern with the B-G24 monoclonal antibody of PHA activated lymphocytes



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com