



MOUSE ANTI-HUMAN CD55 MONOCLONAL ANTIBODY

CATALOG NUMBER:	CBL511	QUANTITY:	100 µg
LOT NUMBER:		CONCENTRATION:	
CLONE NAME:	BRIC 216	HOST/ISOTYPE:	Ms IgG1
ALTERNATE NAMES:	DAF	EPITOPE:	SCR3
SPECIFICITY:	This antibody recognizes the CD55 antigen a 70 kDa glycoprotein also known as the complement regulatory protein, Decay Accelerating Factor (DAF). The epitope is on the third short consensus repeat (SCR3) of CD55. The antigen is present on erythrocytes and other circulating blood cells and also on cells in non-haemopoietic tissue particularly epithelium and endothelium. It is found specifically at the placental fetal-maternal interface.		
APPLICATIONS:	<p><u>Western blot</u>: Non-reduced erythrocyte membrane prep; antigen is sialidase and trypsin resistant, pronase, chymotrypsin and AET sensitive</p> <p><u>Flow Cytometry</u></p> <p><u>Immunohistochemistry</u>: Frozen and formalin-fixed paraffin-embedded sections. Protease antigen retrieval is recommended.</p> <p><u>Immunoprecipitation</u></p> <p><u>Inhibition studies</u></p> <p><i>Optimal working dilutions must be determined by the end user.</i></p>		
SPECIES REACTIVITY:	Reacts with Human. Reactivity with other species has not been confirmed.		
IMMUNOGEN:	Human fibroblast cell line		
PRESENTATION:	The immunoglobulin was purified by affinity chromatography using protein G and is presented in 1 M Tris-buffered saline, pH 7.5, containing no preservatives. The antibody has been sterile-filtered.		
STORAGE/HANDLING:	Maintain at 2°- 8°C for up to 12 months from the date of receipt. For long term storage aliquot antibody into small volumes and store at -20°C.		
REFERENCES:	Coyne, K. et al. (1993). <i>J. Immunol.</i> 149:2906-2913. Holmes, C. H. et al. (1990). <i>J. Immunol.</i> 144:3099-105. Hadam, M.R. <i>Leucocyte Typing IV</i> (1989). Oxford University Press		

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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