

CD59

Mouse Anti-Human CD59 Clone MEM-43 mAb

Catalog No.	MON1136	Quantity:	100 µg
Alternate Names:	16.3A5, 1F5, EJ16, EJ30, EL32, FLJ38134, FLJ92039, G344, HRF-20, HRF20, MAC-IP, MACIF, MEM43, MGC2354, MIC11, MIN1, MIN2, MIN3, MIRL, MSK21, p18-20, 20 kDa homologous restriction factor, CD59 antigen, CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344), CD59 glycoprotein, Ly-6-like protein, T cell-activating protein, human leukocyte antigen MIC11, lymphocytic antigen CD59/MEM43, membrane attack complex (MAC) inhibition factor, membrane inhibitor of reactive lysis, protectin, surface anitgen recognized by monoclonal antibody 16.3A5		
Description:	The antibody is the prototypic antibody for the CD59 determinant, a PI-linked glycoprotein of 18-20 kD, which is broadly expressed on most types of cells. The antigen is the major complement-protecting molecule of human cells. It is expressed on all leukocytes, erythrocytes and most other cell types. Binding of this antibody inhibits the complement-protecting activity of CD59. CD59 is one of the complement regulatory membrane proteins that is missing in Paroxysmal Nocturnal Haemoglobinuria (PNH). Anti CD59 reagents may therefore be useful in the differential diagnosis of PNH type II and PNH type I as reported (Sugita, Holguin).		
Gene ID:	966		
Host:	Mouse		
Isotype:	IgG _{2a}		
Clone:	MEM-43		
Formulation:	100 µg in solution (PBS containing 15 mM sodium azide, pH 7.4). Concentration: 1 mg/ml. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	<p>The antibody can be used for flow cytometry (excellent), immunoprecipitation, Western blotting (non-reducing conditions).</p> <p>See for further instructions A. Depending on the technique to be used a working dilution has to be tested beforehand.</p>		
Storage & Stability:	Store undiluted antibody at 2-8°C until expiration date. For long-term storage aliquot antibody and store at – 20°C. Avoid freeze/thaw cycles.		

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



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