



Mouse Anti-Human CD59 Monoclonal Antibody, clone MEM-43 (CABT-Z607M)

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

PRODUCT INFORMATION

Specificity	The antibody MEM-43 reacts with well defined epitope (W40, R-53) on CD59 (Protectin).
Immunogen	Human CD59
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	MEM-43
Purification	Protein A purified
Conjugate	Unconjugated
Applications	FA
Epitope	W40, R-53
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS (sterile), pH 7.2.
Preservative	None
Storage	Store at -20°C. Avoid freeze and thaw cycles.

Ship

Wet ice

BACKGROUND

Introduction

CD59 (Protectin) is a small (18-20 kDa) GPI-anchored ubiquitously expressed inhibitor of the membrane attack complex (MAC). It is thus the key regulator that preserves the autologous cells from terminal effector mechanism of the complement cascade. CD59 associates with C5b-8 complex and thereby counteracts appropriate formation of cytolytic pore within the plasma membrane. CD59 is also an low-affinity ligand of human CD2 and causes T cell costimulation.

Keywords

CD59;CD59 molecule, complement regulatory protein;Cd59a;Cd59b;MACIF;MACIP;MAC-IP;CD59 glycoprotein; protectin;CD59 antigen;Cb59b molecule;MAC-inhibitory protein; membrane attack complex inhibition factor;CD59b moleucle, complement regulatory protein

GENE INFORMATION

Gene Name CD59

Entrez Gene ID [966](#)

UniProt ID [P13987](#)
