Data Sheet (Cat.No.TMAH-00213)

Anti-CD59 Antibody (6C259)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6C259
Purification:	Affinity-chromatography

Applications

Verified Activity:	Overlay Peak curve showing Hela cells surface stained with TMAH-00213 (red line) at 1:50. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1μg/1*10^6 cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C.Control antibody (green line) was rabbit IgG (1μg/1*10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.
Application:	ELISA,FCM
Recommended	FCM:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human CD59
Antigen Species:	Human
Gene ID:	966
Uniprot ID:	P13987
Synonyms:	CD59;MIN1;MIRL;G344;MACIP;MIN2;HRF20;MAC-IP;1F5;MSK21;MACIF;MEM43;MIC11;MIN3;HRF-20
Biology Area:	Cardiovascular, Immunology, Signal transduction, Stem cells

Research Background

Potent inhibitor of the complement membrane attack complex (MAC) action. Acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase. The soluble form from urine retains its specific complement binding activity, but exhibits greatly reduced ability to inhibit MAC assembly on cell membranes.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481